



Unsteady High Turbulence Effects on Turbine Blade Film Cooling Heat Transfer Performance Using a Transient Liquid Crystal Technique

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NOMENCLATURE

C_{x}	blade axial chord length (17cm)				
d	wake generator rod diameter				
D	film hole diameter				
DR	coolant-to-mainstream density ratio, ρ_0/ρ_m				
h	local heat transfer coefficient				
I	coolant to mainstream momentum flux ratio, $\rho_c V_c^2/\rho_m V^2$				
k	thermal conductivity of blade material (0.159 W/m•°C)				
k_{air}	thermal conductivity of mainstream air				
L	film cooling delivery length				
M	coolant-to-mainstream mass flux ratio or blowing ratio, $\rho_c V_c/\rho_m V$				
M_{t}	trailing edge coolant-to-mainstream mass flux ratio or blowing ratio, $\rho_j V_j/\rho_m V$				
n	number of rods on wake generator				
N	speed of rotating rods				
Nu	local Nusselt number based on axial chord, hC _x /k _{air}				
$\overline{N}u$	spanwise-averaged Nusselt number				
P	film hole pitch				
PL	streamwise length on the pressure surface (25.6 cm)				
Re	Reynolds number based on exit velocity and axial chord, V_2C_x/ν				
S	wake Strouhal number, $2\pi N dn/(60V_1)$				
SL	streamwise length on the suction surface (33.1cm)				
t	liquid crystal color change time				
T_c	coolant temperature				
$T_{\mathbf{f}}$	film temperature				
T_{i}	initial temperature of blade surface				
T_{m}	mainstream temperature				
Tu	free-stream turbulence intensity				
$ ilde{T}u$	Ensemble-averaged turbulence intensity				
Tu	time-mean averaged free-stream turbulence intensity				
$T_{\mathbf{w}}$	liquid crystal color change from green to red				

V	local mainstream velocity along the blade pressure or suction surface								
V(t)	instantaneous velocity at cascade inlet								
$ ilde{V}$	Ensemble-averaged cascade inlet velocity								
V_1	cascade inlet velocity								
V_2	cascade exit velocity								
V_c	coolant hole exit velocity								
VR	coolant-to-mainstream velocity ratio, V _c /V								
X	streamwise distance from blade leading edge; streamwise distance from								
	centerline of film cooling holes								
Y	radial distance from blade surface								
α	thermal diffusivity of blade material (0.135×10 ⁻⁶ m ² /s)								
δ_2	local momentum thickness								
η	local film cooling effectiveness								
$\overline{\eta}$	spanwise-averaged film cooling effectiveness								
ν	kinematic viscosity of cascade inlet mainstream air								
ρ_{c}	coolant density								
$\rho_{\rm j}$	density of trailing edge jet								
$ ho_{ m m}$	mainstream flow density								

1.0 PROJECT SUMMARY

Unsteady wake effect on detailed heat transfer coefficient and film cooling effectiveness distributions is presented for a downstream film-cooled gas turbine blade. The detailed heat transfer coefficient and film effectiveness distributions on the blade surface are obtained using a transient liquid crystal technique. The blade surface is coated with a thin layer of thermochromic liquid crystal and transient tests are run to obtain the heat transfer coefficients and film cooling effectiveness. Upstream unsteady wakes are simulated using a spoke-wheel type wake generator. Tests were performed on a fiveblade linear cascade at an axial chord Reynolds number of 5.3×10^5 at cascade exit. The test blade has three rows of film holes on the leading edge and two rows each on the pressure and suction surfaces. Air and CO₂ were used as coolants to simulate different coolant-to-mainstream density ratio effect. Coolant blowing ratio is varied from 0.4 to Results show that Nusselt numbers for a film-cooled blade are much higher compared for a blade without film injection. Particularly, film injection causes earlier boundary layer transition on the suction surface. Unsteady wake slightly enhances Nusselt numbers but significantly reduces film cooling effectiveness on a film-cooled blade compared with a film-cooled blade without wake. Nusselt numbers increase slightly but film cooling effectiveness increases significantly with an increase in blowing ratio for CO₂ injection. Higher density coolant (CO₂) provides higher effectiveness at higher blowing ratios (M=1.2) whereas lower density coolant (Air) provides higher effectiveness at lower blowing ratios (M=0.8).

The effect of unsteady wakes with trailing edge coolant ejection on surface heat transfer coefficients and film cooling effectiveness is also presented for the same downstream film-cooled turbine blade. The coolant jet ejection is simulated by ejecting coolant through holes on the hollow spokes of the wake generator. For a blade without film holes, unsteady wake increases both pressure side and suction side heat transfer levels due to early boundary layer transition. Adding trailing edge ejection to the unsteady wake further enhances the blade surface heat transfer coefficients particularly near the leading edge region. For a film-cooled blade, unsteady wake effects slightly enhance surface heat transfer coefficients but significantly reduces film effectiveness. Addition of trailing edge ejection to the unsteady wake has a small effect on surface heat transfer coefficients compared to other significant parameters such as film injection, unsteady wakes, and grid generated turbulence, in that order. Trailing edge ejection has more effect on film effectiveness distribution than on the heat transfer coefficients.

The film effectiveness and coolant jet temperature profile on the suction side of a gas turbine blade were measured over a turbine blade using a transient liquid crystal and a cold-wire technique, respectively. The blade has only one row of film holes near the gill hole portion on the suction side of the blade. Tests were performed on a five-blade linear cascade in a low-speed wind tunnel. The mainstream Reynolds number based on cascade exit velocity was 5.3×10^5 . Upstream unsteady wakes were simulated using a spoke-wheel type wake generator. Coolant blowing ratio was varied from 0.6 to 1.2. Wake Strouhal number was kept at 0 and 0.1. Results show that unsteady wake reduces film cooling effectiveness. Results also show that film injection enhances local heat

transfer coefficient while the unsteady wake promotes earlier boundary-layer transition.

The development of coolant jet mean temperature and temperature fluctuation profiles could be used to explain the film cooling performance.

Detailed heat transfer coefficient and film effectiveness distributions as well as film temperature profiles are presented on a cylindrical leading edge model. Tests were done in a low speed wind tunnel on a cylindrical model in a crossflow with two rows of injection holes. Mainstream Reynolds number based on the cylinder diameter was 100,900. The two rows of injection holes were located at $\pm 15^{\circ}$ from stagnation. The film holes were spaced 4-hole diameters apart and were angled 30° and 90° to the surface in the spanwise and streamwise directions, respectively. Heat transfer coefficient and film effectiveness distributions are presented on only one side of the front half of the cylinder. Film coolant temperature distributions are taken at 20°, 30°, 50°, and 70° from stagnation and presented as mean temperature and temperature fluctuation. Air and CO₂ were used as coolant to simulate coolant-to-mainstream density ratio effect. The effect of coolant blowing ratio was studied for blowing ratios of 0.4, 0.8, and 1.2. Results show that Nusselt numbers downstream of injection increase with an increase in blowing ratio for both coolants. Air provides highest effectiveness at blowing ratio of 0.4 and CO₂ provides highest effectiveness at a blowing ratio of 0.8. Higher density coolant (CO₂) provides lower Nusselt numbers at all blowing ratios compared to lower density coolant (air). An increase in free-stream turbulence has very small effect on Nusselt numbers for both coolants. However, an increase in free-stream turbulence intensity (up to 7%) reduces film effectiveness significantly at low blowing ratios for both coolants.

2.0 INTRODUCTION

2.1 Background

A continuing trend towards higher gas turbine inlet temperatures has resulted in higher heat loads on turbine components. Sophisticated cooling techniques are employed to cool the components to maintain the performance requirements. Some turbine blades are cooled by ejecting cooler air from within the blade through discrete holes to provide a protective film on the surface exposed to hot gas path.

Many studies have presented heat transfer measurements on turbine blades with film cooling. Nirmalan and Hylton (1990) and Abuaf et al. (1995) studied heat transfer on film cooled turbine vanes. Camci and Arts (1990) studied heat transfer coefficients on film cooled turbine blades. Takeishi et al. (1992) compared the film effectiveness values for a stationary cascade under 4% mainstream turbulence intensity and for a rotor blade using the heat-mass transfer analogy. Ito et al. (1978) and Haas et al. (1992) studied the effect of coolant density on film effectiveness on turbine blades under low mainstream turbulence levels. Ito et al. (1978) found that an increase in coolant-tomainstream density ratio causes an increase in film effectiveness on both pressure and suction surfaces for a blowing ratio of 1.0. Haas et al. (1992) found their results show the same trends as that of Ito et al. (1978). They reported that an increase in density ratio for a low blowing ratio of 0.5 causes a decrease in film effectiveness on the suction surface. However, an increase in density ratio causes an increase in film effectiveness at higher blowing ratios. Ames (1998) reported the influence of high free-stream turbulence on turbine vane heat transfer coefficient and film effectiveness distribution.

The effect of unsteady wakes produced by upstream vane trailing edges has a strong effect on rotor blade surface heat transfer distributions. Several studies have focused on the effect of unsteady wake on the downstream blade heat transfer coefficient distributions without film cooling. Many researchers, for example, Abhari et al. (1994), Blair et al. (1989), Blair (1994), Doorly (1988), Dullenkopf et al. (1991), Dullenkopf and Mayle (1994), Dunn et al. (1989, 1994), Han et al. (1993), Liu and Rodi (1992), O'Brien and Capp (1989), Wittig et al. (1987) have studied the effect of unsteady wakes caused by trailing edges of the vanes and the blade rotation on the surface heat transfer coefficient of the downstream blades. Ashworth et al. (1985), Doorly and Oldfield (1985), and Zhang and Han (1995) studied the combined effect of free-stream turbulence and wake passing on turbine blade heat transfer. They all reported that unsteady wake enhanced turbine blade heat transfer and caused earlier and longer laminar-turbulent boundary layer transition on the suction surface. Few studies have focused on the effect of unsteady wakes on film cooled turbine blades. Abhari and Epstein (1994) conducted heat transfer experiments on a fully cooled transonic turbine stage in a short duration They measured steady and time-resolved chord-wise heat flux turbine facility. distributions at three spanwise locations. They concluded that film cooling reduces the time-averaged heat transfer by about 60% on the suction surface compared to the uncooled rotor blade. However, the effect is relatively low on the pressure surface. Ou et al. (1994), and Mehendale et al. (1994) simulated unsteady wake conditions over a linear turbine blade cascade with film cooling. They studied the effects of unsteady wake on a model turbine blade with multiple-row film cooling using air and CO₂ as coolants. They measured heat transfer coefficients and film cooling effectiveness at discrete

locations using thin foil heating and multiple thermocouples. They concluded that heat transfer coefficient increases and film cooling effectiveness decreases with an increase in unsteady wake strength. They also concluded that the higher density (CO₂) coolant provides better film cooling effectiveness at higher blowing ratios than lower density coolant (air).

In gas turbine engines the unsteady wakes generated by the trailing edges of the upstream vanes and the blade rotation significantly influence the downstream rotor blade heat transfer. The upstream vanes are internally cooled and hence some coolant is ejected through ejection holes located at the trailing edge. This coolant ejection combined with the unsteady wake further affects heat transfer coefficients on the downstream rotor blade. Heat transfer coefficients on downstream blades under the effects of unsteady wake and trailing edge ejection are important for design considerations. Dunn (1986) measured heat flux for the rotor blade of a Garrett TFE 731-2 hp full stage rotating turbine with upstream nozzle guide vane (NGV) trailing edge injection. They found that the NGV injection effect is to significantly increase the local blade heat transfer up to 20 percent of the streamwise distance from the leading edge on the suction surface and ten percent on the pressure surface.

The leading edge of the turbine blade is the most critical heat transfer region as some of the highest heat transfer occurs in that region. So, film cooling near the turbine blade leading edge is essential to protect the blade from the hot gases and prevent failure. The inlet high temperature gases from the combustor to the turbine inlet are highly turbulent. Also, since the coolant is cooler than the mainstream, the coolant is at a higher density than the mainstream. The influence of free-stream turbulence and coolant density

on the turbine blade leading edge film effectiveness and heat transfer coefficients are important. The leading edge region of the turbine blade has been a focus for many film cooling studies. Luckey and L'Ecuyer (1976) and Bonnice and L'Ecuyer (1983) studied a circular cylinder with several rows of spanwise injection holes to model the leading edge region. They reported that the surface heat flux was very much dependent on the injection geometry and coolant blowing ratio. Mick and Mayle (1988) studied film cooling on a blunt body with a semi-circular leading edge and flat after body. They concluded that leading edge injection reduces the surface heat load for lower blowing ratios. They also determined that the regions of high effectiveness do not necessarily correspond to the regions having a high heat transfer coefficient. Karni and Goldstein (1990) used the naphthalene sublimation technique to study the effects of surface injection on local mass transfer from a circular cylinder in crossflow with one row of inclined holes. Mehendale and Han (1992) studied the effect of free-stream turbulence on leading edge film effectiveness and heat transfer coefficient. They reported that high free-stream turbulence reduced film effectiveness and enhanced heat transfer coefficient. Ou et al. (1992) studied the effect of film hole row location on the same test model as that of Mehendale and Han (1992). They reported that film cooling effectiveness was higher for injection farther downstream from the true leading edge. Ou and Han (1992) studied the effect of slot injection and free-stream turbulence on the blunt body model. Salcudean et al. (1994) studied the effect of coolant density on film effectiveness on a semi-circular leading edge with a flat afterbody. They reported that higher density fluid (CO₂) provides highest effectiveness at a higher blowing ratio compared to a lower density fluid (air), particularly farther downstream of injection. Lee et al. (1994) studied the effect of freestream turbulence and horse-shoe vortices on mass transfer on a film cooled cylinder. They reported that an increase in free-stream turbulence reduces the effects of horse-shoe vortex structure. Funazaki et al. (1995) studied the effects of periodic wake passing on film effectiveness around the leading edge of a blunt body. They reported a decrease in film effectiveness with an increase in wake strength.

In recent years, liquid crystal techniques have been used extensively for heat transfer measurements. The two main advantages of this technique over the classical techniques are high spatial resolution and good geometrical adaptability. In addition to those advantages, Hippensteele et al. (1983) indicated that, unlike thermocouples, liquid crystal coatings are non-intrusive and cheaper and, therefore, could be a superior alternative to thermocouples for the low temperature tests. Vedula and Metzger (1991) presented a transient liquid crystal technique for detailed measurements of both heat transfer coefficients and film cooling effectiveness over a flat surface with one row of simple angle injection holes. Martinez-Botas et al. (1995) presented detailed heat transfer coefficient distributions on a non-film cooled blade in an annular transonic cascade using a transient liquid crystal technique. Hoffs et al. (1997) measured heat transfer coefficients in a linear cascade without film cooling using a transient liquid crystal technique and compared the results with measurements using the naphthalene sublimation mass transfer technique. Other studies such as Ekkad et al. (1997a-b) presented detailed heat transfer coefficient and film effectiveness distributions on a flat surface with compound angle injection. They used a transient liquid crystal technique for detailed heat transfer coefficient and film effectiveness measurement. Drost and Bölcs

(1998) also reported detailed heat transfer coefficient and film effectiveness distributions on a turbine vane using a transient liquid crystal technique.

The measurement of coolant jet temperature field using cold-wire is well described in the study of Kohli and Bogard (1998). Their study has focused on temperature measurements in a film cooling flow field on the flat plate. A high-frequency-response temperature sensor was used, which provided information about film cooling flow in terms of actual turbulence levels and probability density functions of the thermal field. They concluded that film cooling jets tend to lift off the surface with higher blowing ratio and lateral injection yields a more uniform distribution of effectiveness immediately downstream of injection.

2.2 Objective

The objectives of this study are:

(1) The effect of unsteady wake on turbine blade heat transfer coefficient and film cooling effectiveness distributions. Tests were performed on a five-blade linear cascade in a low speed wind tunnel at an axial chord Reynolds number of 5.3×10^5 at cascade exit. Upstream unsteady wakes are simulated using a spoke-wheel type wake generator. The test blade has three rows of film holes on the leading edge and two rows each on the pressure and suction surfaces. Air and CO₂ were used as coolants to simulate different coolant-to-mainstream density ratio effect. Coolant blowing ratio is varied from 0.4 to 1.2. The detailed heat transfer coefficient and film

- effectiveness distributions on the blade surface are obtained using a transient liquid crystal technique.
- (2) The effect of unsteady wake with trailing edge coolant ejection on the downstream blade heat transfer coefficient and film cooling effectiveness distributions. Tests were performed on a five-blade linear cascade in a low speed wind tunnel. The test blade has three rows of film holes on the leading edge and two rows each on the pressure and suction surfaces. The exit Reynolds number based on the blade axial chord is varied from 5.3×10^5 to 7.6×10^5 for the heat transfer coefficient measurement and is 7.6×10^5 for the film cooling effectiveness measurement. Unsteady wakes are produced by a spoked wheel-type wake generator upstream of the five-blade linear cascade. The coolant jet ejection is simulated by ejecting coolant through holes on the hollow spokes of the wake generator.
- (3) The effect of unsteady wake on film temperature and effectiveness distributions for a gas turbine blade with only one row of film holes near the gill hole portion.

 Tests were performed on a five-blade linear cascade in a low-speed wind tunnel. The mainstream Reynolds number based on cascade exit velocity was 5.3×10⁵. Upstream unsteady wakes were simulated using a spoke-wheel type wake generator. Coolant blowing ratio was varied from 0.6 to 1.2. Wake Strouhal number was kept at 0 and 0.1. The film temperature distributions are measured at X/D=1, 5, 10 and 15 from the centerline of the film cooling holes. The film mean temperature and temperature fluctuation profiles are measured using a cold-wire technique.
- (4) The effect of free-stream turbulence on leading edge region heat transfer coefficient and film cooling effectiveness distributions and film temperature

profiles. Tests were done in a low speed wind tunnel on a cylindrical model in a crossflow with two rows of injection holes. Mainstream Reynolds number based on the cylinder diameter was 100,900. The two rows of injection holes were located at ±15° from stagnation. The film holes were spaced 4-hole diameters apart and were angled 30° and 90° to the surface in the spanwise and streamwise directions, respectively. Heat transfer coefficient and film effectiveness distributions are presented on only one side of the front half of the cylinder. Air and CO₂ were used as coolant to simulate coolant-to-mainstream density ratio effect. The effect of coolant blowing ratio was studied for blowing ratios of 0.4, 0.8, and 1.2. Film coolant temperature distributions are taken at 20°, 30°, 50°, and 70° from stagnation and presented as mean temperature and temperature fluctuation.

3.0 TEST APPARATUS AND DATA ANALYSIS

3.1 Test Apparatus and Instrumentation

Figure 1 shows the schematic of the test section and camera locations for the detailed film cooling measurements over a gas turbine blade model without wake effect. The test apparatus consists of a low speed wind tunnel with a suction type blower. The five-blade linear cascade is shown in the figure. The mainstream turns 107.49° and the flow is accelerated 2.5 times from inlet to exit of cascade.

A 25-HP AC motor powers the suction blower. The rotation speed of the motor is varied by adjusting a frequency controller to obtain the different Reynolds numbers. The mainstream Reynolds number based on axial chord length of the blade is 5.3×10^5 . The blade configuration is designed to produce a similar velocity ratio (V/V₂) distribution as in a typical advanced high pressure turbine blade cascade. The selected blade has a 107.49° turning with relative flow angles of 35° and -72.49° at the blade inlet and outlet, respectively. Each blade in the linear cascade has an axial chord length of 17 cm and radial span of 25.2 cm. The blade-to-blade spacing is 17.01 cm at the cascade inlet and the blade throat-to-span ratio is 5. The blade configuration, scaled up five times, produces a velocity distribution typical of an advanced high pressure turbine blade row.

A calibrated, single hot wire is used to measure the instantaneous velocity from which the time mean turbulence intensity and ensemble-averaged velocity and the turbulence intensity can be evaluated. The hot wire sensor is vertically oriented at the inlet of the pressure side passage of the test blade, 8.82cm downstream of the spokes, and connected to a three-channel TSI IFA 100 constant Temperature Anemometer (CTA).

The analog signal from the anemometer is converted to digital by a 250kHz Data Translation DT2831G A/D board installed in a PC.

A heater box, shown in Figure 1 (Figure 3(c) shows the schematic diagram of its cross section), is used to preheat the middle test blade prior to the transient test. The same blade is coated with a thin layer of thermochromic liquid crystals. The blade surface color changes during the transient test is analyzed using a high-speed, high-resolution image processing system. The image processing system consists of four cameras individually connected to a color frame grabber board inside the PC. The cameras are focused using a color monitor. A software is used to digitize the liquid crystal color changes. During a transient test, only one camera is operational. Since the color changes are processed real time and no frames are stored in the PC, the frame speed will be reduced if all the four cameras are operated at the same time. Hence, four separate tests are required to map the entire blade surface using four different camera locations as shown in the figure.

The surface of the center blade is painted black and uniformly coated with liquid crystals (BM/R32C5W/17-10). The temperatures at which liquid crystal color changes from colorless to red, red to green, and green to blue are 31.6°C, 32.7°C, and 37.2°C, respectively. In the experiment the test blade was heated uniformly using a box-type heater. The transient test requires that the blade be heated to a temperature higher than the liquid crystal color range (37.2°C). During the transient test, the hot blade surface is suddenly cooled by exposing it to a cooler mainstream flow. The heater box has the blade profile and is slightly larger than the test blade. A gap of 10 mm exists between the blade outside surface and the heater box inner surface. The insides of the heater box are instrumented with thin foil heaters and controlled using several variacs to provide a near

uniform blade surface temperature. The heater box is lowered to completely cover the test blade during heating. The blade surface temperature is monitored using embedded thermocouples during heating. The uniformity of surface temperature with heating is within 1.2°C. An interpolation scheme was used to further reduce the temperature variation in the initial surface temperature to within 0.2°C. When the surface is heated to the required uniform temperature, the suction type blower is switched on. The mainstream reaches full flow within 20-30 seconds. Once the mainstream has reached required flow, the heater box is lifted up completely to expose the test blade to the mainstream. The coolant flow and the image processing system are automatically triggered at the same instant the test surface is exposed to the mainstream. The color changes during the transient test are monitored by the system. The times of color change on the blade surface to red at every pixel location is measured.

Before the blade surface is heated, the camera is focused on the particular region of the blade. The blade is uniformly illuminated such that the entire region the camera is focused on indicates uniform background intensity. This intensity and light settings help in correcting camera angles and blade curvature problems indicated by other studies using liquid crystal techniques. Once the heater box is lifted, the color intensity profiles at each pixel on the region are analyzed during the transient test. Once the required color intensity is matched, the actual time of color change for a particular color band appearance is noted. This color change time is used in the data analysis explained in the next section.

Figure 2 shows the schematic of the test section and camera locations for the detailed film cooling measurements over a gas turbine blade model with wake effect.

The test apparatus is the same as that in Figure 1 except for the spoked wheel type wake generator. The wake generator, similar to the one used by Ou et al. (1994), simulated the upstream unsteady wake. The wake generator has 32 rods, each 0.63cm in diameter, to simulate the trailing edge of an upstream vane. It is covered with a casing to prevent leakage flow, and the center is located below the bottom wall of the wind tunnel. The blade cascade is installed downstream of the wake generator. The wake generator is driven by a 2.2 kW DC motor. The wake Strouhal number is adjusted by controlling the motor speed (N). The wake generator rotation speed is measured by a DT-36M digital photo tachometer. The error caused by using nonparallel rotating rods with a linear blade cascade was small and is discussed by Ou et al. (1994).

Figure 3(a) - (e) present the section of the film cooled turbine blade model. The coolant is supplied to various locations on the blade surface through five cavities. The first cavity supplies coolant to the three leading edge film hole rows and each of the other four cavities supply coolant to each row on the pressure and suction surfaces. Coolant is fed into each cavity from the bottom of the blade and flow rate into each cavity is controlled using a flowmeter. The coolant flow from each flowmeter is passed through a solenoid-controlled three-way diverter valve before the flow enters the coolant cavity inside the blade. Each solenoid controlled valve is connected to a switch which triggers the coolant flow into the cavities at the instant the transient test is initiated. The blade film hole row geometry and configuration are shown in the figure. Figure 3(a) also presents a 3-dimensional view of the pressure and suction surfaces of the test blade. The liquid crystal coated surface area is 15.2 cm wide and the data acquiring area is 7.6 cm wide along the midspan region of the test blade as shown in Figure 3(b).

Figure 4 shows the schematic of the test section and camera arrangement for the heat transfer and film cooling measurements on a gas turbine blade with the combined effect of unsteady wake and trailing edge coolant ejection. For the heat transfer coefficient measurement, a smooth-surface blade model has been used. For the film cooling measurement, a film-cooled turbine blade model as shown in Figure 3 has been used. The spoked wheel-type generator has 32 hollow rods to simulate the trailing edge of an upstream blade row. There are 32 ejection holes opening towards the downstream blade to simulate the trailing edge ejection on each rod. The ejection holes have the diameters of 0.16cm and are evenly spaced at three hole diameters apart from one another. Figure 5(a) presents a detailed sketch of the rotating rod. The compressed air source is connected to the rotation union, through which the air is transported to the hub and then to the ejection holes on the hollow rods. Figure 5(b) shows the conceptual view of the unsteady wakes generated by the rotating rods with coolant ejection passing the blade cascade in which the inlet velocity direction of the free-stream and the coolant jet velocity direction are indicated.

A turbulence grid is installed 60cm upstream of the test blade to generate free-stream turbulence. A turbulence intensity of five percent at the inlet of the pressure passage of the test blade is obtained without the spokes. The grid is made of hollow brass tubes 1.2cm square in cross section and 4.8cm in pitch. The width and the height of the grid are the same as that of the wind tunnel. The open area ratio of the grid is 54 percent.

Figure 6 presents the experiment setup for studying unsteady wake effect on the film temperature and effectiveness distributions on a turbine blade model with only one row of film holes near the gill hole portion on the suction side of the blade. There is

one cavity used to supply coolant to the row of film holes on the suction side. The film holes, 1.905mm in diameter and 10.16mm apart from one another (P/D=5.3), have a radial angle of 90° and a tangential angle of 40°. The film hole length is 15mm (L/D=7.9). Flow rate is controlled by a flowmeter. The heated coolant flow is passed through a solenoid-controlled three-way diverter valve before the flow enters the coolant cavity inside the blade. The solenoid-controlled valve is connected to a switch that triggers the heated coolant flow into the cavity at the instant the transient test is initiated.

For the film cooling effectiveness measurements, the liquid crystal coated surface area is 7.2cm wide and the data acquisition area is 2.5cm wide along the midspan region of the test blade. The system consists of 2 cameras individually connected to a color frame grabber board in the PC and a monitor. Software is used to measure the time of color change of liquid crystals. During one test, only one camera is operational. Hence, we require 2 different runs with 2 different camera locations to measure one set of data on the suction side for a particular condition.

The film temperature distributions are measured at X/D=1, 5, 10, 15 from the centerline of the film cooling holes as shown in Figure 7. The measuring plane is perpendicular to the oncoming mainstream. When measuring film temperature field, the blade model is not heated and only the coolant is heated and ejected. The coolant has been heated to maintain a temperature difference from free-stream at about 18°C. The temperature field is measured using a cold-wire system. The cold-wire system includes a tungsten wire probe, 5µm in diameter and 1.5mm in length, and a temperature bridge. The temperature bridge is designed to restrict the current applied to the wire at less than 1mA to ensure negligible sensitivity to velocity. The wire current is typically maintained

at about $70\mu A$. The frequency response of the cold-wire is about 800Hz. The signal from the cold-wire system is directed to an A/D converter installed in a PC. The A/D converter has 12-bit resolution and maximum gain of 8. Resulting temperature measurement accuracy is $0.1^{\circ}C$.

Figure 8 presents the experimental setup for the film temperature and effectiveness measurement on the cylindrical leading edge model. The setup consists of a suction type blower that has a straight section with the test cylinder and an upstream nozzle. The flow enters through the nozzle into the test tunnel. The test tunnel is 25.4 cm x 76.2 cm in cross-section and is 183 cm long with the test cylinder placed 77.5 cm downstream of the nozzle exit. A tailboard is placed at the rear of the cylinder to reduce wake effects on the upstream heat transfer. The image processing system used for measuring the detailed heat transfer coefficient and film effectiveness distributions consists of a RGB camera, monitor, and a PC with a color frame grabber board. A turbulence grid is placed between the nozzle and the test tunnel to generate higher levels of free-stream turbulence intensity. Two different size grids were used to generate the turbulence levels of 4.1% and 7.1%. The coolant flow loop is also shown in the figure. Compressed air or CO₂ is routed through an orifice meter for the coolant flow. The coolant is initially directed away from the test cylinder using a three-way ball diverter valve. The valve is switched as the transient test is initiated. A heater heats the coolant flow for the film effectiveness test.

Figure 9 shows the test cylinder. The cylinder is 7.62 cm in diameter and 25.4 cm long. The cylinder is hollow with a polycarbonate exterior and copper interior. The copper interior has six heaters embedded along the circumference to heat the cylinder

uniformly. The six cartridge heaters are 25.4 cm long and 0.32 cm in diameter. There is no air space between the copper interior and the polycarbonate exterior. The polycarbonate layer is 0.64 cm thick and has low thermal conductivity and diffusivity. Film holes are drilled through the copper and polycarbonate layers. Coolant is sent into the hollow of the cylinder from the bottom of the cylinder and ejected out of the film holes. The front half of the polycarbonate exterior can be replaced as a smooth or film holed surface. Film holes, placed 15° from the leading edge of the cylinder, are 0.475 cm in diameter and are inclined 30° and 90° in the spanwise and streamwise directions, respectively. Ten holes in each row are spaced four-hole diameters apart (P/d=4). The film hole-to-cylinder diameter ratio (d/D) was 0.063 and the film hole length-to-diameter ratio (L/d) was 3.1. The measured region is limited to one side of the front half of the cylinder from stagnation (0°) to about 70° from stagnation. A total of 7000 points were measured on the test surface.

The test surface is heated uniformly using the cartridge heaters. Cartridge heater power inputs are controlled using a variac for each heater and surface temperature is monitored by placing several thermocouples on the surface. Uniformity of the surface temperature is within 0.6°C when the test surface is heated to a temperature above the liquid crystal range. Thermochromic liquid crystals are sprayed uniformly on the surface using an air gun. Liquid crystal (Hallcrest: BM/R32C5W/C17-10) color change temperatures for appearance of red, green, and blue were 31.6°C, 32.7°C, and 37.2°C, respectively. In the present experiment, the surface is heated to a temperature above the blue color. The test surface is suddenly cooled by inducing the mainstream flow by the fast starting blower. The blower takes less than three seconds from initiation for full flow

rate. The liquid crystal color changes from blue to green to red, and then becomes colorless during the transient test. The coolant flow is initiated by a solenoid controlled three-way diverter valve. The earliest color changes during the transient test occur around 15-20 seconds from initiation. The frame grabber board is programmed to capture data 10 frames per second in real time. The time of color change at every pixel location is analyzed and stored in a file on the computer.

For the cylindrical leading edge model, the coolant jet temperature profiles are measured at 20°, 30°, 50°, and 70° from stagnation as show in Figure 10. When measuring the coolant jet temperature profiles, the leading edge model is not heated and only the coolant is heated and injected. The temperature difference between free-stream and the coolant is maintained at about 15°C. The temperature field is measured using a cold-wire system. The cold-wire system includes a tungsten wire probe, 5µm in diameter and 1.5mm in length, and a temperature bridge. The temperature bridge is designed to restrict the current applied to the wire less than 1 mA to ensure negligible sensitivity to velocity. The wire current is typically maintained at about 70µA. The frequency response of the cold-wire is about 800Hz. The measurement of temperature using cold-wire is well described in the study of Kohli and Bogard (1996). The signal from the cold-wire system is directed to an A/D converter installed in a PC. The A/D converter has 12-bit resolution and maximum gain of 8. Resulting temperature measurement accuracy is 0.1°C.

3.2 Test Conditions and Data Analysis

A transient liquid crystal technique was used to measure the detailed heat transfer coefficients and film effectiveness on the blade surface. The technique is similar to the one described by Ekkad et al. (1997a,b). A one-dimensional transient conduction model into a semi-infinite solid with convective boundary condition is assumed. The solution for surface temperature is obtained as

$$\frac{T_{w} - T_{i}}{T_{m} - T_{i}} = \left[1 - \exp\left(\frac{h^{2} \alpha t}{k^{2}}\right) \operatorname{erfc}\left(\frac{h \sqrt{\alpha t}}{k}\right)\right]$$
(1)

where T_w is the wall temperature when liquid crystals change to red from green (32.7°C) at time t, T_i is the initial surface temperature, T_m is the oncoming mainstream flow temperature, and α and k are the thermal diffusivity and conductivity of the blade material respectively. The heat transfer coefficient is obtained from Equation (1). For film cooling tests, the mainstream temperature (T_m) in Equation (1) is replaced by the local film temperature (T_f) which is a mixture of the coolant (T_c) and mainstream temperatures. The film temperature is defined in terms of η , which is the film effectiveness.

$$\eta = \frac{T_f \cdot T_m}{T_c \cdot T_m}; \text{ or } T_f = \eta T_c + (1 \cdot \eta) T_m$$
 (2)

For the film cooling test, we obtain an equation similar to Equation (1)

$$\frac{T_{w} - T_{i}}{T_{f} - T_{i}} = \frac{T_{w} - T_{i}}{\eta T_{c} + (1 - \eta) T_{m} - T_{i}} = \left[1 - \exp\left(\frac{h^{2} \alpha t}{k^{2}}\right) \operatorname{erfc}\left(\frac{h \sqrt{\alpha t}}{k}\right)\right]$$
(3)

Two similar transient tests are run to obtain the heat transfer coefficient (h) and film effectiveness (η). In the first test, the blade surface is heated and the coolant and mainstream temperatures are nearly the same. In this case, there is only one unknown, h, in the equation. For the second test, the coolant is heated to a temperature close to blade initial temperature. The calculated local heat transfer coefficient from the first test is substituted in the equation to obtain the local film effectiveness. The above equation is solved at each point on the blade surface to obtain the detailed heat transfer coefficient and film effectiveness distributions.

The experimental uncertainty in the measurement of the local heat transfer coefficient (h), based on Kline and McClintocks (1953) methodology, is about 4.5%. The individual uncertainties of all the parameters in Equation (1) have been included. The uncertainty in the film effectiveness measurement includes the additional uncertainty in heat transfer coefficient measurement and was estimated to be about 6.8%. It should be noted that the uncertainty in the immediate vicinity of the hole (less than 1 diameter around the hole) and close to blade trailing edge could be as high as 17% due to invalidation of the semi-infinite model assumption. However, the semi-infinite solid assumption can be applied where thickness of material is higher than 0.51 cm. The uncertainty in the velocity measurement using the single hot wire was estimated to be 4%.

A well-established cold-wire technique was used to measure the detailed temperature and temperature fluctuation profiles on the blade suction side. The mean temperature fields are presented as a non-dimensional temperature defined similar to film effectiveness, i.e.,

$$\theta = \frac{T - T_m}{T_c - T_m} \tag{4}$$

The temperature fluctuation is normalized as

$$\theta' = \frac{T'}{T_c - T_m} \tag{5}$$

Here, T represent the root mean squared temperature fluctuation. 1200 data points are measured at each measurement plane at different X/D locations. At each data point, 36,864 samples are acquired and averaged to get time averaged and fluctuation temperature. The uncertainty in the coolant jet temperature field measurement using cold-wire was estimated to be 5.8%.

4.0 RESULTS AND DISCUSSION

4.1 Detailed Film Cooling Effectiveness Measurements over A Film-Cooled Gas Turbine Blade (Steady Flow)

Experiments were performed at a cascade exit Reynolds number of 5.3×10^5 . The corresponding flow velocity at the cascade exit was 50 m/s. Two different coolants, air and CO₂, are used to simulate coolant-to-mainstream density ratios of DR=1.0 and DR=1.5, respectively. Air as coolant was tested at blowing ratios of 0.8 and 1.2 and CO₂ was tested at blowing ratios of 0.4, 0.8, and 1.2. The flow conditions for the film cooling tests are summarized in Table 1. For all the results presented in this study, the oncoming free-stream turbulence intensity was measured to be about 0.75% at the cascade inlet.

Table 1 Test Conditions for Film Cooling Measurement

Case	Re	Coolant	M	VR	DR	I
1	5.3×10 ⁵	None				
2		CO_2	0.4	0.27	1.5	0.11
3		CO_2	0.8	0.53	1.5	0.42
4		CO_2	1.2	0.8	1.5	0.96
5		Air	0.8	0.8	1.0	0.64
6		Air	1.2	1.2	1.0	1.44

• Effect of blowing ratio on Nusselt number distribution

Figure 11 presents the detailed Nusselt number distributions on the blade suction and pressure surfaces for CO₂ injection and blowing ratios of 0.4, 0.8, and 1.2. Case 1 is for a smooth surface (no film holes); case 2 is for M=0.4; case 3 is for M=0.8; case 4 is

for M=1.2 for a blade with film holes. The blades with and without film cooling holes have same shape and flow angles. The blades are also made from the same material (Ren Shape).

Effect on Suction Surface The smooth surface Nusselt number (case 1) levels drop significantly from the leading edge with increasing streamwise distance on the suction surface. Nusselt numbers are lowest around X/SL=0.5 after which the Nusselt numbers increase again. This is due to boundary layer transition to turbulence. Nusselt numbers are higher towards the trailing edge as the transition is not complete. For a film cooled blade (case 2) with M=0.4, Nusselt number show streaks due to film cooling jets downstream of leading edge holes. High Nusselt numbers immediately downstream of injection decrease rapidly and the jet effect is non-existent upstream of the first film hole row on the suction surface (S1). Downstream of the row S1, jet streaks of higher Nusselt numbers are obtained along the holes. The streaks extend all the way up to the nest film hole row S2. However, the jets do not cause any Nusselt number enhancement between the holes for row S1. Downstream of film hole row S2, the Nusselt numbers are significantly higher than for case 1. Some streaks of high Nusselt numbers are obtained along the holes. Such high levels of Nusselt number downstream of row S2 may be explained as follows. Film injection may cause boundary layer instabilities which cause earlier laminar to turbulent boundary layer transition. This may produce higher heat transfer coefficients downstream of injection. After transition, the effect of coolant jets disappears. Nusselt numbers decrease after transition with growth of the turbulent boundary layer. With an increase in blowing ratio (M=0.8,1.2) (case 3 and 4), Nusselt numbers downstream of injection after every row show slight increases. The streaks downstream of hole row S1 become stronger and appear to mix downstream with hole row S2. The effect of blowing ratio after hole row S2 is to increase Nusselt number slightly. With an increase in blowing ratio, the jet-mainstream interaction increases causing more turbulence downstream. This may be the cause for higher Nusselt numbers with an increase in blowing ratio.

Effect on Pressure Surface For case 1, the Nusselt numbers drop rapidly till X/PL=-0.15 and then increase a little bit over the entire surface. For case 2, film injection has a very small effect immediately downstream of leading edge row injection. However, Nusselt numbers are enhanced between the leading edge row and first row P1 over case 1. Downstream of rows P1 and P2, film injection enhances Nusselt numbers over case 1. The effect of film injection on the pressure surface is more in the region immediately downstream of injection. Since the boundary layer on the pressure surface is thicker than on the suction surface, the effect on Nusselt numbers due to film injection is lesser. Jet streaks are not evident on the pressure surface. With further increase in blowing ratio from M=0.4 to M=1.2, Nusselt numbers are not significantly affected. The increase in injectant mass into a thicker boundary layer does not appear to disturb the boundary layer as significantly as in the case of the thinner boundary layer on the suction surface.

Nusselt numbers with film injection are significantly enhanced due to the boundary layer disturbance cause by injection. Earlier studies on film cooling have

shown that film injection can create local turbulence intensities as high as 15-20% depending on blowing ratio. With such high local turbulence, heat transfer coefficients downstream of injection are significantly enhanced as seen in the figure.

Figure 12 presents the span-averaged Nusselt number distribution for cases 1-4. The Nusselt number distribution for case 1 are the lowest on both pressure and suction surfaces. Laminar-turbulent boundary layer transition on suction surface occurs at about X/SL=0.55. Nusselt numbers are enhanced significantly with addition of film injection (case 2-4). As explained earlier, film injection disturbs boundary layer and causes earlier transition to a turbulent boundary layer. Higher Nusselt numbers are obtained downstream of injection row S1. Further increase in Nusselt numbers occurs with transition and addition of coolant at row S2. On the pressure surface, film injection produces higher heat transfer coefficients from leading edge injection location to downstream of hole row P2. Higher blowing ratio produces higher Nusselt numbers downstream of injection for both pressure and suction surfaces.

The present results are compared to results for the same cases from Ou et al. (1994). The results for the smooth surface blade are in good agreement with the present data. Ou et al. (1994) show much higher Nusselt numbers downstream of injection hole on the suction surface. However, the pressure surface Nusselt numbers with film injection are in good agreement with present results. There may be two reasons for the differences in the results. The study by Ou et al. (1994) had the same coolant cavity feeding the hole rows P2 and S2. This may cause more coolant to exit out of hole row S2 and causing higher heat transfer coefficients. However in the

present study, two different cavities feed coolant to the hole rows. This may explain the lower Nusselt numbers obtained on the suction surface. Also, it is difficult to estimate the heat loss to the coolant during the steady state test by Ou et al. Since the heat loss to coolant was not estimated, that could add to the error. Ou et al. (1994) measured four thermocouple locations in the spanwise direction at every axial location.

• Effect of blowing ratio on film effectiveness distribution

Figure 13 presents the detailed film effectiveness distributions for cases 2, 3 and 4.

Effect on Suction Surface For case 2, film effectiveness immediately downstream of leading edge holes is as high as 0.5 but drops rapidly. The coolant protection might dissipate rapidly in this high curvature region. Effectiveness is high along the holes for row S1. The film streaks are clearly evident along the injection holes. The film streaks extend up to the next hole row S2. However, the film effectiveness between the holes is lower due to lack of spanwise mixing of jets. Effectiveness downstream of injection from row S2 shows shorter streaks with the jets coalescing downstream. The high curvature of the blade and the boundary layer transition to turbulence in this region (Figure 11) may be the reason for the shorter streaks. As blowing ratio increases from M=0.4 to M=1.2, film effectiveness downstream of each injection hole row increases. Effectiveness is higher downstream

of leading edge hole rows with short jet streaks. The effectiveness downstream of row S1 show significant increase in film effectiveness values along the hole. The streaks of high effectiveness are stronger and appear to mix with downstream row S2. Downstream of S2 also, the effectiveness is higher. As blowing ratio increase, more coolant is injected into the mainstream providing more protection to the surface. The effectiveness is as high as 0.2 at about X/SL=0.6 for M=1.2.

Effect on Pressure Surface Effectiveness on the pressure surface do not show strong jet like streaks as on the suction surface. Effectiveness levels are also not very high downstream of injection holes. As blowing ratio increases, film effectiveness in the entire injection region increases. The effect is significant downstream of LE holes. Effectiveness also increases around injection hole rows P1 and P2. Higher blowing ratio for CO₂ injection produces higher effectiveness on the blade surface. More coolant is injected into the boundary layer with an increase in blowing ratio providing more protection and thus higher effectiveness.

Figure 14 presents the span-averaged film effectiveness distributions for cases 2-4. Effectiveness increases with increase in blowing ratio on the suction surface. Effectiveness drops rapidly downstream of leading edge holes on the suction surface, then increases immediately downstream of hole row S1, drops again, and increases immediately downstream of hole row S2 and then decreases gradually towards the trailing edge for all three blowing ratios. Effectiveness decreases gradually over the entire pressure surface for all three blowing ratios with intermittent highs downstream of hole rows P1 and P2. Results from Mehendale et al. (1994) for the same coolant

and flow conditions are also presented at M=0.8. The data are closer away from the injection holes. However, in the injection region, there are differences in the measured effectiveness levels between the studies. The reason for this could be similar to the reason explained for heat transfer coefficient data.

Effect of coolant density

Figure 15 presents the detailed Nusselt number distributions for air injection at blowing ratios of M=0.8 (case 5) and M=1.2 (case 6). On the suction surface, the Nusselt number distributions downstream of LE holes and row S1 are similar to the cases for CO₂ injection. Downstream of row S2, the Nusselt number distributions are also similar except that the highest Nusselt numbers at the end of transition are higher for air for both blowing ratios than for CO₂ injection. Nusselt numbers downstream of injection rows show a slight increase with an increase in blowing ratio for air injection. On the pressure surface, the effect of film injection is not as significant as on the suction surface. The Nusselt number distributions are similar to that for CO₂ injection. The effect of blowing ratio on the pressure side is insignificant. There are no streaklines of high Nusselt number downstream of injection holes for air injection also.

Figure 16 presents effect of coolant density on span-averaged Nusselt number distributions for M=0.8 and M=1.2 (cases 3-4, 5-6). Air injection simulates a density ratio of 1.0 whereas CO₂ injection simulates a density ratio of 1.5. Film injection causes earlier boundary layer transition on the suction surface and enhances Nusselt

numbers over the entire surface, as indicated earlier. Effects of coolant density are limited to regions downstream of injection holes. Higher density coolant produces higher Nusselt numbers downstream of injection at the same blowing ratio. This effect is stronger on the suction surface. On the pressure surface, the density ratio effect vanishes immediately downstream of injection. Changes in coolant density ratio has only a small effect on the already high Nusselt numbers produced by film injection.

Figure 17 presents the detailed film effectiveness distributions for the same cases as shown in Figure 15 (cases 5-6). The cases 5-6 are for M=0.8 and M=1.2 with air injection. Effectiveness distributions for air injection are similar on both pressure and suction surfaces. High effectiveness streaks are evident downstream of suction side rows S1 and S2. Effectiveness is very high downstream of LE holes on the pressure surface. However, the main difference is that air provides higher effectiveness at M=0.8 compared to M=1.2. However, CO₂ injection provides higher effectiveness at highest blowing ratio of 1.2. This may be due to the reason that air at M=1.2 produces high momentum jets (I=1.44) which tend to penetrate the boundary layer and provide reduced protection. At a lower blowing ratio of 0.8 (I=0.64), the jets have lower momentum and tend to stay closer to the surface and provide better protection.

Figure 18 presents the span-averaged film effectiveness distributions for the same cases as for Figure 16 (cases 3-4, 5-6). Film effectiveness on the suction surface is higher for CO₂ injection at M=1.2. At a lower blowing ratio of M=0.8, air provides higher effectiveness than CO₂ injection. At low blowing ratio of 0.8, air has higher but optimum momentum (I=0.64) compared to CO₂ (I=0.42) and protects the surface

better. At M=1.2, air possess very high momentum (I=1.44) and coolant jets blow into the mainstream penetrating the boundary layer and do not provide good protection compared to CO₂ injection (I=0.96). Overall, CO₂ injection at M=1.2 provides highest effectiveness downstream of injection. But in the injection hole region, it is difficult to distinguish the blowing ratio and density ratio effects.

Figure 19 provides more detailed Nusselt number distributions for CO₂ injection at M=0.8 in the region between LE and S2 rows on the suction surface. This figure provides a magnified version of the results shown earlier. It also provides more insight into the results that have been explained earlier. The detailed distributions show streaks of higher Nusselt numbers downstream of each injection row as indicated earlier. High effectiveness is obtained along the holes downstream of injection as indicated earlier. Also, this figure shows clearly the lack of coolant jet-to-jet interaction in the spanwise direction. The phenomena have been explained in the earlier figures. Such detailed information will be useful for validating CFD predictions for film cooling on curved surfaces.

4.2 Effect of Unsteady Wake on Film Cooling Performance for A Film-Cooled Gas Turbine Blade

Experiments were performed at a cascade exit Reynolds number of 5.3×10^5 . The corresponding flow velocity at the cascade exit was 50 m/s. Two different coolants, air and CO₂, are used to simulate density ratios of DR=1.0 and DR=1.5, respectively. For CO₂ as coolant, the blowing ratio was varied from 0.4 to 1.2. For air as coolant, the blowing ratio was varied from 0.8 to 1.2. Wake Strouhal number is varied from 0.0 (no rod, no wake) to 0.1. Table 2 lists the test conditions.

Table 2 Test Conditions

Case No.	S	Coolant	M	VR	DR	I
1	No Wake	None				
2	0.1	None				
3	No Wake	Air	0.8	0.8	1.0	0.64
4	0.1	Air	0.8	0.8	1.0	0.64
5	0.1	Air	1.2	1.2	1.0	1.44
6	0.1	CO_2	0.4	0.27	1.5	0.11
7	0.1	CO_2	0.8	0.53	1.5	0.42
8	0.1	CO_2	1.2	0.80	1.5	0.96

Figure 20 presents the local-exit velocity ratio (V/V₂) distribution around the blade. A pressure tap instrumented blade was used to measure the surface static pressure distributions which was then converted to local mainstream velocity distribution around the blade (Ou et al., 1994). Figure 20 also presents the instantaneous velocity (V(t)), ensemble-averaged velocity (\tilde{V}) and ensemble-averaged turbulence (\tilde{T}_u) profiles at the cascade inlet for strouhal number, S=0.1.

The instantaneous velocity profile shows the periodic unsteady fluctuations caused by the upstream passing wakes. The unsteady wakes are actually velocity deficiencies caused by the blockage of mainstream flow by the rotating rods. The ensemble-averaged velocity distribution show the time-dependent mean velocity defect caused by the upstream passing wakes. The ensemble-averaged turbulence intensity profiles shows that intensity could be as high as 20% inside the wake. The time mean averaged turbulence intensity is about 10.4%.

• Effect of unsteady wake

Figure 21 presents the detailed Nusselt number distributions on the blade suction and pressure surfaces for cases 1-4. Case 1 is for a smooth surface (no film holes) without rods (S=0); case 2 is for a smooth surface with S=0.1; case 3 is for a film cooled turbine blade with air injection at M=0.8 and no rods (S=0); case 4 is for a film cooled turbine blade with air injection at M=0.8 and S=0.1.

Effect on Suction Surface Nusselt number For a smooth surface without wake (case 1), the Nusselt numbers drop rapidly from the leading edge to about X/SL=0.5 on the suction surface and then increase due to boundary layer transition to turbulent flow. For a smooth surface with wake (case 2), the Nusselt numbers decrease along the suction side but transition occurs (X/SL=0.25) earlier for this case than for case 1. Also the spanwise variation in the Nusselt number distribution in the transition region reduces. For a blade with film cooling (case 3), Nusselt numbers are higher than for

the case 1 comparing only the effect of film cooling. On the suction surface, Nusselt numbers are higher downstream of injection from the leading edge. High Nusselt number streaks are obtained along the film holes. Nusselt numbers decrease towards the first film hole row S1. Nusselt numbers are higher along the holes immediately downstream of injection from S1 row. Between the film holes of S1 row, Nusselt numbers are not enhanced over case 1. Downstream of film hole row S2, Nusselt numbers are significantly higher than for both cases 1 and 2. Some streaks of high Nusselt numbers are observed immediately downstream between the film holes from S2 row. Film injection may cause transition to occur even earlier than for case 2 (smooth blade with unsteady wake condition). Further addition of an unsteady wake to the film cooled blade (case 4) does not appear to cause a significant effect on the suction surface over case 3. The Nusselt number distributions are similar with slight variations downstream of injection row S2. It appears that unsteady wake has little effect on Nusselt numbers which are already enhanced by film injection. Comparing cases 2 and 4 for at S=0.1, it can be seen that film injection enhances Nusselt numbers significantly after injection hole rows S1 and S2.

Effect on Pressure Surface Nusselt number For case 1, the Nusselt numbers drop rapidly to about X/PL=-0.15 and increases a little bit over the entire surface. Nusselt numbers are enhanced with the addition of wake (case 2) over the entire pressure surface. For case 3, film injection has little effect immediately downstream of leading edge row injection. However, Nusselt numbers are enhanced between the leading edge row and first row P1 over case 1. Downstream of rows P1 and P2, film

injection enhances Nusselt numbers over case 1. Compared to case 2, Nusselt numbers for case 3 are not affected significantly by film injection as in the case for suction surface. The effect of film injection on the pressure surface is more in the region immediately downstream of injection. Nusselt numbers for case 3 are lower than for case 2 in the region far away from P2 (-0.35<X/PL<-0.6). Since the boundary layer on the pressure surface is thicker than on the suction surface, the effect on Nusselt numbers due to film injection is lesser. Nusselt numbers for case 4 are not significantly different from case 3 except in the region -0.35<X/PL<-0.6, where Nusselt numbers for case 4 are higher. This region is far away from injection holes. It may be concluded that this may be due to unsteady wake effect. Comparing cases 2 and 4 for same S=0.1, it may be noticed that film injection has some additional effect on pressure surface Nusselt numbers downstream for leading edge film row.

Nusselt numbers with film injection are significantly enhanced due to the boundary layer disturbance cause by injection. Earlier studies on film cooling have shown that film injection can create local turbulence intensities as high as 15-20% depending on blowing ratio. With such high local turbulence, heat transfer coefficients downstream of injection are significantly enhanced as seen in the figure. Further addition of unsteady wake elevates free-stream turbulence. This addition in free-stream turbulence has only a slight effect on blade surface Nusselt numbers already greatly enhanced by the high turbulence produced by jet-mainstream interactions. Also, the local jet-mainstream boundary layer interaction causes earlier transition on the suction surface and higher heat transfer coefficients.

Figure 22 presents the span-averaged Nusselt number distribution for cases 1-4.

The Nusselt number distribution for case 1 are the lowest on both pressure and suction surfaces. Transition on suction surface occurs at about X/SL=0.55. For case 2, Nusselt numbers are higher than for case 1. Transition location on the suction surface moves upstream to X/SL=0.25. With film injection (cases 3 and 4), the boundary layer transition location moves further upstream to immediately downstream of the first row on the suction surface (S1 at X/SL=0.15). Nusselt numbers are enhanced with addition of film injection without unsteady wake (case 3). On the suction surface, Nusselt numbers with film injection are much higher than for the smooth surface with unsteady wake (case 2). Boundary layer is disturbed by film injection downstream of row S1. This causes higher heat transfer coefficients immediately downstream of injection and causes the boundary layer to undergo transition to turbulence. The transitional boundary layer is further disturbed by the second row S2. Nusselt numbers are enhanced downstream of both rows S1 and S2 on the suction surface. Based on the results, it can be concluded that boundary layer transition with film injection begins around X/SL=0.15 (around row S1). Nusselt numbers are significantly affected by film injection on the suction surface. However, further addition of unsteady wake does not significantly affect the Nusselt number distribution with film injection (case 4 vs. case 3). On the pressure surface, unsteady wake with S=0.1 (case 2) enhances Nusselt numbers up to 35% at X/PL=-0.5 over no rod, no wake case (case 1). It is evident that unsteady wake has a significant effect on Nusselt numbers on the pressure surface for a smooth surface blade. For case 3, Nusselt numbers are enhanced in the injection region by film injection over a smooth surface. However further downstream the effect is dissipated. Unsteady wake imposed on film injection (case 4) does not seem to have a significant effect on the pressure surface over a surface without film injection but with unsteady wake.

The present results are compared to results for the same cases from Ou et al. (1994). The results for the smooth surface blade without or with wake are in good agreement with the present data. However, the Nusselt numbers for the film injection cases do not agree well in the film hole regions on the pressure and suction surfaces. Ou et al. (1994) presented much higher Nusselt numbers downstream of injection hole on both pressure and suction surfaces. Ou et al. (1994) measured four locations in the spanwise direction at every axial location. This limited measurement could be the reason for overprediction in their study. Film cooling causes strong spanwise variations, particularly near the film hole region, as seen in Figure 21 which may be difficult to measure using discrete thermocouples.

Figure 23 presents the detailed film cooling effectiveness distributions for air injection at M=0.8 for cases 3 and 4.

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Effect on Suction Surface Film Cooling Effectiveness For case 3, film cooling effectiveness immediately downstream of leading edge holes is very high but drops rapidly. The leading edge holes are located in the high curvature region. The coolant protection might be dissipating rapidly. This may be the reason for the rapid drop in effectiveness. Effectiveness is high along the holes for row S1. The film streaks are clearly evident downstream of the injection holes. The film streaks extend up to the next hole row S2. However, the film cooling effectiveness between the holes is very

low due to lack of spanwise mixing of jets. Effectiveness downstream of injection from row S2 is also streaklike along the holes. However, the streaks are shorter and the jets appear to coalesce a little distance downstream. This may be due to two reasons. One is the high curvature of the blade in this region. Another reason may be due to the boundary layer transition to turbulence in this region (Figure 21). Effectiveness is higher than 0.2 up to X/SL=0.7. For the case with unsteady wake (case 4), the turbulence levels in the free-stream are higher. On the suction surface leading edge, effectiveness is reduced compared to case 3. The oncoming free-stream disturbed by passing wakes might cause the jets to breakdown. Effectiveness along the holes for hole row S1 are also significantly reduced due to the unsteady wake effect. The streaks of higher effectiveness are still evident. However, the effectiveness levels are much lower. Downstream of hole row S2, the unsteady wake reduces effectiveness significantly. It may be important to note here that unsteady wake imposed on film injection has very small effect on Nusselt numbers on the suction surface, but the effect on film cooling effectiveness is significant.

Effect on Pressure Surface Film Cooling Effectiveness For case 3, effectiveness is again very high immediately downstream of leading edge row injection. However, the positive curvature can cause the jets to protect the surface better in this region. There is no significant drop in effectiveness after injection on the pressure surface. Also, the row P1 is closer to the leading edge rows. Effectiveness is very high in the hole region and drops to about 0.2~0.3 immediately downstream of injection. Effectiveness is high around the hole region for row P2 also. However, the values

drop below 0.2 after X/PL=-0.3. This may be due to film dilution. For case 4 on the pressure surface, the effect of unsteady wake has slightly lesser effect on the film cooling effectiveness in the injection hole region. The film cooling effectiveness in the hole region is slightly reduced. Further downstream, the effect shows reduced effectiveness. Effectiveness drops below 0.2 immediately downstream of row P2.

Although, the addition of unsteady wake has a very small effect on heat transfer coefficients with film injection, the effect is significant on the film cooling effectiveness distributions. Without unsteady wake, the film cooling jets protect the surface better with limited mixing with the mainstream. Addition of unsteady wake causes disturbances in the mainstream which result in more mixing between the mainstream and coolant jets and reduce protection of the surface by the coolant jets. This causes significantly reduced film cooling effectiveness with unsteady wake.

Figure 24 presents the span-averaged film cooling effectiveness distributions for cases 3 and 4. Effectiveness is higher for case 3 compared to case 4 over the entire turbine blade surface. Effectiveness on the suction surface near the leading edge is high immediately downstream of injection and decreases rapidly and again increases for rows S1 and S2. Effectiveness is as high as 0.55 immediately downstream of row S2. Further downstream effectiveness decreases gradually. On the pressure side, effectiveness is high near the leading edge, decreases downstream with locally high effectiveness immediately downstream of the injection row, P1 and P2. Effectiveness is lower on the pressure surface compared to that for the suction surface after the second row of holes. The present results are compared to results for the same cases from Mehendale et al. (1994). The data are closer away from the injection holes but

in the injection region, there is significant differences in the effectiveness levels. The same explanation holds for the effectiveness measurements as for the Nusselt number measurements.

Effect of blowing ratio

Figure 25 presents the effect of blowing ratio on detailed Nusselt number distributions for a given wake condition, S=0.1. Blowing ratio is varied from 0.4 to 0.8 to 1.2 (cases 6-8) for CO₂ injection (DR=1.5). The case for smooth surface with S=0.1 is also presented (case 2). On the suction surface, Nusselt numbers, downstream of injection, slightly increase with an increase in blowing ratio. This is true downstream of leading edge film row and row S1. Downstream of row S2, the blowing ratio effect is very small. This may be due to boundary layer transition to turbulence in this region. An increase in blowing ratio does not seem to significantly affect the Nusselt numbers which are already significantly high due to the boundary layer transition. On the pressure surface, the detailed Nusselt number distributions show very little effect of an increase in blowing ratio. An increased blowing ratio causes increase in jet penetration and lesser cumulative effects. The thick boundary layer on the pressure surface does not seem to be further affected by the increasing coolant blowing.

Figure 26 presents the span-averaged Nusselt number distributions for the same cases as for Figure 25 (case 2, cases 6-8). The no rod no wake case is also shown for comparison. On the suction surface, film injection (M=0.4, case 6) enhances Nusselt

numbers and causes earlier transition than for a smooth surface (case 2) as explained earlier. However, there is very little additional effect of blowing ratio (cases 7 and 8 for M=0.8, 1.2) on the Nusselt number distributions except in the regions immediately downstream of injection rows S1 and S2. On the pressure surface also, the effect of blowing ratio is very little except in the film injection region. In the film injection region on both surfaces, the Nusselt numbers are slightly higher with increasing blowing ratio.

Figure 27 presents detailed film cooling effectiveness distributions for the effect of blowing ratio under an unsteady wake condition of S=0.1 with CO2 injection (DR=1.5) for cases 6-8. It can be observed that effectiveness increases with an increase in blowing ratio on the suction surface. On the suction surface, effectiveness streaks downstream of injection holes become stronger with an increase in blowing ratio. Effectiveness is as high as 0.2 at X/SL=0.5 for a high blowing ratio of 1.2. Effectiveness streaks are not seen for row S2. Effectiveness downstream of row S2 appears to be affected by boundary layer transition causing the jets to coalesce downstream of injection. Effectiveness immediately downstream of the leading edge holes on the pressure surface increase significantly with an increase in blowing ratio. Effectiveness streaks are not evident on the pressure surface. However, at M=1.2, effectiveness appears to be higher around the holes with small streaks. An increase in blowing ratio for CO₂ injection produces increased effectiveness on the blade surface. More coolant is injected into the boundary layer with an increase in blowing ratio providing more protection and thus higher effectiveness.

Figure 28 presents the span-averaged film cooling effectiveness distributions for cases 6-8. Effectiveness increases with increase in blowing ratio on the suction surface. Effectiveness drops rapidly downstream of leading edge holes on the suction surface, then increases immediately downstream of hole row S1, drops again, and increases immediately downstream of hole row S2 and then decreases gradually towards the trailing edge for all three blowing ratios. Effectiveness decreases gradually over the entire pressure surface for all three blowing ratios. Effectiveness is similar for M=0.4 and 0.8 on the pressure surface.

Effect of coolant density

Figure 29 presents effect of coolant density on span-averaged Nusselt number distributions for M=0.8 and M=1.2 for an unsteady wake condition of S=0.1 (cases 4-5, 7-8). Air injection simulates a density ratio of 1.0 whereas CO₂ injection simulates a density ratio of 1.5. Nusselt numbers on both the surfaces are not affected significantly by coolant density. Film injection enhances Nusselt numbers over the entire surface and causes earlier boundary layer transition on the suction surface, as indicated earlier. Increase in coolant density causes small effects immediately downstream of injection holes. Higher density coolant produces higher Nusselt numbers downstream of injection at the same blowing ratio. Nusselt numbers downstream of injection are greatly enhanced by film injection over the blade surface. Changes in coolant density ratio has only a small effect on the already high Nusselt numbers.

Figure 30 presents the span-averaged film cooling effectiveness distributions for the same cases as for Figure 29 (cases 4-5, 7-8). Film cooling effectiveness on the suction surface is higher for higher density coolant for both blowing ratios (M=0.8) and 1.2). Since CO₂ is heavier (lower momentum flux ratio I), the coolant jets tend to stay closer to the surface and provide better protection compared to air. Air jets also possess higher momentum than CO₂ at same blowing ratio. Higher effectiveness is obtained at M=1.2 for CO₂ injection whereas higher effectiveness is obtained at M=0.8 for air injection on the suction surface. On the pressure surface, CO₂ injection at M=0.8 produces the lowest effectiveness. Air injection provides higher effectiveness closer to the leading edge. However, CO₂ injection at M=1.2 produces highest effectiveness after row P2. On the pressure surface also, effectiveness is higher for M=1.2 for CO₂ injection compared to M=0.8 and is higher at M=0.8 for air injection compared to M=1.2 for same coolant. Heavier coolant (CO₂) stay closer to boundary layer and protects better. At low blowing ratio of 0.8, air has higher momentum (I=0.64) than CO₂ (I=0.42) and protects the surface better. At M=1.2, air possess very high momentum (I=1.44) and coolant jets blow into the mainstream and do not provide good protection than CO₂ (I=0.96).

4.3 Effect of Unsteady Wake with Trailing Edge Coolant Ejection on Detailed Heat Transfer Coefficient for A Uncooled Gas Turbine Blade

Table 3 Flow conditions for heat transfer measurement

Case No.	Re	Tu	S	M_t	Tu
1	5.3×10 ⁵	0.7%	No wake	0.0	0.7%
2		0.7%	0.1	0.0	10.4%
3		5.0%	0.1	0.0	13.7%
4		5.0%	0.1	0.25	13.4%
5		5.0%	0.1	0.50	13.0%
6		5.0%	0.1	1.00	12.7%
7	7.6×10^{5}	0.7%	No wake	0.0	0.7%
8		0.7%	0.1	0.0	10.4%
9		5.0%	0.1	0.0	13.7%
10		5.0%	0.1	0.25	13.4%
11		5.0%	0.1	0.50	13.0%

A time-mean averaged turbulence intensity (Tu) is used in this study to describe the total turbulence level of the mainstream at the blade cascade inlet edge ejection. The time-mean averaged turbulence intensity definition is based on the integration of the ensemble-averaged turbulence intensity over a rod passing period. The methodology is described in detail by Zhang and Han (1995).

Figure 31(a) presents the effect of the unsteady wake on the spanwise-averaged Nusselt number distributions on the blade surface for a Re=5.3×10⁵. For Case 1 (No wake) the suction surface Nusselt number decreases monotonically with increasing streamwise distance (X/SL) from the blade leading edge and then increases sharply due to the transition to turbulent flow around X/SL=0.55. The heat transfer coefficients near

the trailing edge on the suction surface are high. This may be attributed to the unsteadiness of the flow near the trailing edge. The pressure surface Nusselt number decreases sharply with increasing streamwise distance from the blade leading edge; it has the lowest at X/PL=-0.05 and then increases slightly with increasing streamwise distance. This may be due to the acceleration of the flow on the pressure side. The Nusselt numbers on both the suction and pressure surfaces increase with an increase in the wake Strouhal number from 'no wake' (case 1) to S=0.1 (Case 2). The suction surface boundary layer transition to turbulence starts earlier, with an increase in the Strouhal number. The increase in the suction surface heat transfer coefficients is much higher than that on the pressure surface for increasing wake Strouhal numbers. The present results compare well with results from Han et al. (1993) using a thin foil-thermocouple technique for 'no wake' and S=0.1. Their inlet Reynolds number 3×10⁵, based on the cascade inlet velocity and the blade geometric chord length, is equivalent to the exit Reynolds number 5.3×10⁵ that is based on the cascade exit velocity and the axial chord length used in the present study.

Figure 31(b) compares the results for the cases with Re= 5.3×10^5 for (1) clear wind tunnel, (2) wake only, (3) grid and wake, (4) grid, wake and jet M_t=0.25, (5) grid, wake and jet M_t=0.5, and (6) grid, wake and jet M_t=1.0. Results show that the blade surface Nusselt numbers increase with adding unsteady wake and free-stream turbulence. Boundary layer transition to turbulence on the suction surface occurs earlier with an increase in mainstream turbulence level. Transition on the suction surface occurs at X/SL=0.55 for Case 1, at X/SL=0.3 for Case 2, and at X/SL=0.25 for Case 3.

For Cases 2 and 3 the Nusselt number increases on the suction surface with the onset of transition and then decreases further downstream after the boundary layer becomes fully turbulent. On the pressure surface Nusselt numbers increase with an increase in mainstream turbulence level. For Case 1 the Nusselt number is lowest at X/PL=-0.05. There could be a small separation bubble which causes a very low Nusselt number in that region. Further downstream, Nusselt numbers increase with an increase in streamwise distance. For the higher mainstream turbulence cases the Nusselt numbers are flatter in that region. The increases levels of mainstream turbulence might tend to reduce the flow separation in that region and thus reduces the effect on the heat transfer coefficients. For the cases with trailing edge jets (Cases 4, 5, and 6) the effect of jets on Nusselt number is different at different locations on the blade surface. On the suction side before transition (X/SL<0.25) the jets enhance Nusselt number, and the higher the mass flux ratio of the jets, the greater the magnitude of these effects. The jets can enhance heat transfer up to 25 percent near the leading edge region (X/SL<0.2) for M_t=0.5 (Case 5). In this region the effect of jet increased mainstream velocity and more uniformly disturbed turbulence intensity profile enhances heat transfer compared to 'no jet' (Case 3). Further downstream (X/SL>0.25) there is not much effect of the jets on the heat transfer distributions. This may be because the jet effect decays in the transition and fully turbulent regions. On the pressure side of the blade the Nusselt number shows an increase in the region near the leading edge (X/PL<-0.1), but further downstream the effect is negligible. This may be due to the strong pressure gradient diminishing the jet effect. The magnitude of the jet effect on heat transfer is higher on the suction surface compared to the pressure surface.

Figure 31(c) compares Cases 7 through 11 for Re=7.6×10⁵ for (7) clear wind tunnel, (8) wake only, (9) grid and wake, (10) grid, wake and jet M_i=0.25, and (11) grid, wake and jet M_i=0.5. For this Reynolds number, transition on the suction surface occurs at X/SL=0.5 for Case 7 and at X/SL=0.25 for higher mainstream turbulence cases. The trend for the effect of coolant ejection on heat transfer for Re=7.6×10⁵ is similar to that for Re=5.3×10⁵. The jet effect on the suction side heat transfer before transition can be up to 25 percent, as compared to the case without jet injection. Again, the jet effect diminishes in transition and fully turbulent regions. As explained earlier, heat transfer on the transition and fully turbulent regions is already high, and adding jets to the unsteady wake does not seem to cause any further effect. Therefore, the jet effect (Cases 10 and 11) on suction side heat transfer is limited to the region before the transition location compared with the case without jet injection (Case 9). Also, the jet effect on the pressure surface heat transfer for Re=7.6×10⁵ is significant and can be up to 15 percent, compared with the case without jet injection (Case 9).

Figure 32(a) to 32(c) shows the detailed distributions of the local Nusselt number for Re=5.3×10⁵. The detailed contour distributions are presented for three flow conditions of (a) 'No grid, no wake and no jet', Case 1; (b) combined 'grid and wake', Case 3; and (c) combined 'grid, wake and jet', Case 5. For the 'no grid, no wake' condition (Tu=0.7 percent) in the region where X/SL<0.6, there is no spanwise variation in the Nusselt number distribution. In transition region (0.6>X/SL>0.8) the Nusselt number in the spanwise direction shows significant variations. In fully turbulent regions (X/SL>0.8), the Nusselt number is higher, with some spanwise variation. On the pressure surface there is a very small spanwise and streamwise variation on the pressure

surface. For the combined 'grid and wake', Case 3, and the combined 'grid, wake and jet', Case 5, the Nusselt numbers on the blade surfaces are significantly enhanced. The addition of unsteady wake and an elevated free-stream turbulence reduces spanwise variations on the blade surface and promotes earlier transition on the suction side of the blade.

Figure 33(a) and 33(c) presents detailed Nusselt number distributions on the blade surface for a Re=7.6×10⁵. The detailed contour distributions are presented for three flow conditions of (a) 'no grid, no wake and no jet', Case 7; (b) combined 'grid and wake', Case 9; and (c) combined 'grid, wake and jet', Case 11. Results show that the Nusselt numbers in general are higher than for Re=5.3×10⁵ on the entire blade surface. There is less spanwise variation and earlier transition for unsteady wake and higher mainstream turbulence cases compared with the low mainstream turbulence case.

4.4 Effect of Unsteady Wake with Trailing Edge Coolant Ejection on Film Cooling Performance for A Film-Cooled Gas Turbine Blade

Table 4 Test Conditions

Case No.	Tu	S	M_{t}	M	Tu
1	0.7%	No Wake	0.0	No holes	0.7%
2	0.7%	No Wake	0.0	0.8	0.7%
3	0.7%	0.1	0.0	0.8	10.4%
4	0.7%	0.1	0.5	0.8	10.0%
5	5.0%	0.1	0.0	No holes	13.7%
6	5.0%	0.1	0.5	No holes	13.0%
7	5.0%	0.1	0.0	0.8	13.7%
8	5.0%	0.1	0.5	0.8	13.0%

Tests were performed at the chord Reynolds number of 7.6×10^5 at the cascade exit. The corresponding velocity at the cascade exit is 75 m/s. Unsteady wake strength is defined by wake Strouhal number (S) = $2\pi Ndn/(60V_1)$. It can be achieved by the combination of the number of rods (n), diameter of rod (d), and wake rod rotation speed (N). Table 4 presents the test cases for which heat transfer measurements were obtained for this study. Case 1 is for a no wake case and no-film holes blade. Case 2 is for a film cooled blade with cooling blowing ratio (M) of 0.8 with no wake effect. Case 3 is for a cooled blade under the effect of wake Strouhal number S=0.1. Case 4 is for the cooled blade under the effect of unsteady wakes and trailing edge ejection with jet blowing ratio (M_t) of 0.5. Case 5 is for an uncooled blade with grid generated turbulence and unsteady wake with trailing edge ejection (M_t=0.5). Case 7 is for a cooled blade under the effects of grid generated turbulence and unsteady wake. Case 8 is for the cooled blade under the effects

of grid generated turbulence and unsteady wake with trailing edge ejection. The grid generated turbulence (Tu) and the time-mean averaged turbulence intensities ($\tilde{T}u$) for each case are shown in the table. The parameters are chosen in this study to simulate typical of engine conditions. The cascade exit mainstream Reynolds number of 7.6×10^5 represented the non-dimensional engine flow conditions. An unsteady wake Strouhal number of S=0.1 simulates the blade rotation frequency and velocity defect effects. As indicated earlier, the combustor generated free-stream turbulence levels downstream of the nozzle guide vanes are of the order of 5-6% which is generated using an upstream grid. The trailing edge ejection jet blowing ratio (M_t) of 0.5 and film cooling blowing ratio (M) on the blade of 0.8 are in the range of typical coolant flow conditions.

Free-stream Flow Measurements

Figure 34(a) presents the local-to-exit velocity ratio (V/V₂) distribution around the blade. A pressure tap instrumented blade was used to measure the surface static pressure distributions which was then converted to local mainstream isentropic velocity distribution around the blade (Ou et al., 1994). Figures 34(b) and 34(c) present the instantaneous velocity profiles for cases 7 and 8. Case 7 is for a free-stream with grid generated turbulence (Tu=5.0%) and unsteady wake (S=0.1) and case 8 is for a free-stream with grid generated turbulence (Tu=5.0%) and unsteady wake (S=0.1) with trailing edge ejection (M₄=0.5). Comparing both figures, it is evident, that in Fig. 34(b), the velocity deficit is clearly seen with the passing of the unsteady wake and this deficit appears slightly reduced in Fig. 34(c). This indicates

that the trailing edge jets enhance the mean value of mainstream velocity. Figure 34(d) presents the ensemble-averaged velocity (\tilde{V}) and turbulence intensity ($\tilde{T}u$) profiles at the cascade inlet for the same cases as in Figures 34(b) and 34(c). The turbulence intensity profile for the trailing edge ejection case is more uniformly disturbed in the time period. Based on these measurements, it is evident that the addition of trailing edge ejection to unsteady wake profile produces increased mainstream velocity and slightly reduced but more uniformly disturbed turbulence intensity profile.

Film Cooling

For all film cooled cases, air was used as coolant to simulate coolant-to-mainstream density ratio of DR=1.0 at a blowing ratio of 0.8. Air was used for trailing edge ejection ($M_t = 0.5$).

Nusselt Number Distributions

Figures 35 and 37(a) present the detailed and spanwise averaged Nusselt number distributions on the blade suction and pressure surfaces for cases 1-4, respectively. All cases are with no grid-generated turbulence intensity of Tu=0.7%. The figure compares the no-wake, no-film holes blade (case 1) to no-wake film cooled blade with M=0.8 (case 2); film cooled blade with M=0.8 and wake S=0.1 (case 3); and

film cooled blade with M=0.8, wake S=0.1, and trailing edge ejection M_t =0.5 (case 4).

Effect on Suction Surface The no-film holes surface Nusselt number (case 1) levels drop significantly from the leading edge with increasing streamwise distance on the suction surface. Nusselt numbers are lowest around X/SL=0.5 after which the Nusselt numbers increase again. This is due to boundary layer transition to turbulence. Nusselt numbers are higher towards the trailing edge as the transition is not completed. For a film cooled blade (case 2) with no wake, Nusselt numbers are high due to film cooling jets immediately downstream of leading edge holes. Further downstream of LE row injection, Nusselt numbers decrease rapidly and the injection effect is dissipated upstream of the first film hole row on the suction surface (S1). Downstream of the hole row S1, jet streaks of higher Nusselt numbers are obtained along the holes. The streaks extend all the way up to the next film hole row S2. However, the jets do not cause Nusselt number enhancement between the holes for row S1 due to lack of spanwise mixing between the jets. Downstream of film hole row S2, the Nusselt numbers are significantly higher than for case 1. Film injection from row S2 causes boundary layer instabilities which promote earlier laminar to turbulent boundary layer transition. This also produces higher heat transfer coefficient downstream of injection. Nusselt numbers decrease after transition with growth of the turbulent boundary layer and dissipation of coolant jet effect. Further addition of unsteady wake to the film cooled blade (case 3) shows small effect on the blade surface Nusselt numbers compared to case 2. Nusselt number distributions appear to

be similar to case 2 except in the region downstream of hole row S2. It appears that the additional effect of unsteady wakes is small due to the reason that surface Nusselt numbers are already significantly enhanced by film injection. Addition of trailing edge ejection to the unsteady wake (case 4) on the film cooled blade does not affect the Nusselt number distributions.

Effect on Pressure Surface For case 1, the Nusselt numbers drop rapidly till X/PL=0.15 and then increase a little bit over the entire surface. For case 2, film injection has a very small effect immediately downstream of leading edge row injection. However, Nusselt numbers are enhanced between the leading edge row andfirst row P1 over case 1. Downstream of rows P1 and P2, film injection enhances Nusselt numbers slightly over case 1. The effect of film injection on the pressure surface is not as significant as on the suction surface. Since the boundary layer on the pressure surface is thicker than on the suction surface, the effect on Nusselt numbers due to film injection is less. Jet streaks are also not evident on the pressure surface. Addition of unsteady wake (case 3) causes slight increases over case 2 in the region between LE holes and hole row P1. Further addition of trailing edge ejection to case 3 (case 4) causes only slight increases in Nusselt numbers on the pressure surface in the region downstream of hole row P1.

Nusselt numbers with film injection are significantly enhanced due to the boundary layer disturbance cause by film injection. Earlier studies on film cooling have shown that film injection can create local turbulence intensities as high as 15-20% depending on blowing ratio. With such high local turbulence, heat transfer

coefficients downstream of injection are significantly enhanced as seen in the figure. This may cause significantly reduced effects of other factors such as unsteady wakes and trailing edge ejection on film cooled blades. The spanwise-averaged results in Figure 37(a) present the same trends as discussed above.

Figure 36 and 37(b) presents the detailed and span-averaged Nusselt number distribution for cases 5-8. All the cases are for a grid generated turbulence of Tu=5.0%. The figure compares an uncooled blade with wake S=0.1(case 5) with an uncooled blade with wake S=0.1 and trailing edge ejection, M_t=0.5 (case 6); a film cooled blade with wake S=0.1, M=0.8 (case 7); and a film cooled blade with wake S=0.1, M=0.8, and trailing edge ejection, M_t=0.5 (case 8).

Effect on Suction Surface The no-film holes surface Nusselt number (case 5) levels drop significantly from the leading edge to X/SL=0.25 and then increases due to transition to turbulent boundary layer toward the trailing edge. Comparing to case 1, case 5 has both grid generated turbulence and unsteady wake effects included. The added influence of both the unsteady wake and grid generated turbulence can cause transition location to move upstream towards the leading edge. The differences in cases 5 and 6 are in the region downstream of leading edge on the suction surface. Nusselt numbers are enhanced up to 20% in the region from leading edge to X/SL<0.3 on the suction surface. The effect of trailing edge ejection on the uncooled blade is also strongly evident over the entire pressure surface and in the transition region on the suction surface. For a film cooled blade (case 7) with wake and grid

generated turbulence, Nusselt numbers are significantly enhanced in the region between LE holes and the suction side second row holes S2. Additional effect of film injection is to cause local instabilities in the boundary layer and causing higher heat transfer region immediately downstream of hole rows. Further downstream of hole row S2, the Nusselt numbers are only slight enhanced compared to case 6. Further addition of trailing edge ejection to case 7 (case 8) causes very small changes in the detailed heat transfer coefficient distributions. The trailing edge ejection effect is not as significant as the other effects of film injection, unsteady wakes, and grid generated turbulence, in that order.

Effect on Pressure Surface For case 5, the Nusselt numbers drop rapidly till X/PL=0.15 and then increase a little bit over the entire surface. For case 6, Nusselt numbers are enhanced from leading edge to X/PL<0.1 on the pressure surface compared to case 5. For case 7, the effect of film injection on the pressure surface is more in the region immediately downstream of injection holes. Further addition of trailing edge ejection to case 7 (case 8) causes slight decreases in Nusselt numbers on the pressure surface just downstream of LE hole rows.

The trailing edge ejection jets for a low Tu=0.7% may be attached to the unsteady wake generated by the rods. However, with grid generated turbulence, the trailing jets may not be uniformly impinging on the LE region. This may cause slight changes in the heat transfer distributions as compared to the no-grid case. The grid turbulence effect seems to be stronger on the pressure surface. Overall effect of trailing edge ejection imposed on a free-stream disturbed by unsteady wakes and grid generated turbulence on the film-cooled blade heat transfer is slightly incremental.

Film Effectiveness Distributions

Figures 38 and 40(a) present the detailed and spanwise-averaged film effectiveness distributions for cases 2, 3 and 4, respectively. The figure compares the no-wake film cooled blade with M=0.8 (case 2) to film cooled blade with M=0.8 and wake S=0.1 (case 3); and film cooled blade with M=0.8, wake S=0.1, and trailing edge ejection M_t =0.5 (case 4).

Effect on Suction Surface For case 2, film effectiveness immediately downstream of leading edge holes is as high as 0.5 but drops rapidly. The coolant protection dissipates rapidly in this high curvature region. Effectiveness is high along the holes for row S1. The film streaks are clearly evident along the injection holes. The film streaks extend up to the next hole row S2. However, the film effectiveness between the holes is lower due to lack of spanwise mixing of jets. Effectiveness downstream of injection from row S2 shows shorter streaks with the jets coalescing downstream. The high curvature of the blade and the boundary layer transition to turbulence in this region (Figure 35) may be the reason for spanwise mixing of jets. With addition of unsteady wake to the mainstream flow (case 3), effectiveness is significantly reduced. The effectiveness downstream of the LE rows is lower as coolant jets dissipate rapidly. The oncoming free-stream disturbed by passing wakes breaks down the jets. Also the advancement of the boundary layer transition location can cause more spanwise mixing of jets specialy for the coolant downstream of hole

row S1. Also, effectiveness reduces far downstream of the last injection row S2. For case 4 with trailing edge ejection, effectiveness distributions are similar to that for case 3. Film effectiveness distribution on the suction surface appears to be slightly affected by the further addition of trailing edge ejection to a free-stream already affected by unsteady wakes.

Effect on Pressure Surface For case 2, effectiveness distributions on the pressure surface do not show strong jet like streaks as on the suction surface. Effectiveness levels are also not very high downstream of injection holes but decrease rapidly downstream of hole row P2 and any coolant protection is not evident for distance X/PL >0.5. Addition of unsteady wake (case 3) reduces effectiveness downstream of hole row P2. However, upstream of P1, the effectiveness values are similar to case 2. Addition of trailing edge ejection seems to produce some variations in the effectiveness distributions (case 4). The effectiveness in the LE region decreases significantly. However, downstream of the LE hole row, the effectiveness values are higher for case 4. This may be due to the reason that some of the trailing edge coolant may be convected downstream into the low velocity region thus providing more protection.

Figure 39 and 40(b) presents the detailed and span-averaged film effectiveness distributions for cases 7-8. The figure compares a film cooled blade with wake S=0.1, M=0.8 (case 7) and a film cooled blade with wake S=0.1, M=0.8, and trailing edge ejection, M_t =0.5 (case 8).

Effect on Suction Surface Case 7 is for a turbine blade with film cooling under the effect of grid turbulence and unsteady wakes. Effectiveness is high immediately downstream of LE row holes. Effectiveness decreases rapidly to hole row S1. Weak jets streaks are observed downstream of hole row S1 due to the unsteady wake affected free-stream. Downstream of hole row S2, effectiveness is greatly reduced due to spanwise mixing of jets in the transition and fully turbulent boundary layer region. With an addition of trailing edge ejection (case 8), effectiveness reduces downstream of LE and S1 holes. However, effectiveness levels are not significantly affected over the rest of the suction surface. Some of the trailing ejection coolant might penetrate the coolant jets from the LE row holes and disturb the already weak protection thus reducing the film effectiveness. Further downstream, the effect of the trailing edge jets might be weaker and hence the lack of reduction in film effectiveness.

Effect on Pressure Surface For case 7, effectiveness downstream of LE rows is as high as 0.4 but rapidly decreases downstream. Some high effectiveness is observed upstream of hole row P2 due to accumulation of coolant in the low velocity region. For case 8, effectiveness levels are similar but lower than that for case 7. The effect of trailing edge jets is noticeable on the pressure surface.

On the suction surface, case 8 provides lower effectiveness values downstream of LE film hole rows. Downstream of hole row S1, both cases provide similar

effectiveness values. Case 8 provides lower effectiveness over the entire pressure surface.

4.5 Unsteady Wake Effect on Film Temperature and Effectiveness Distribution for a Gas Turbine Blade with Only One Row of Film Holes

Experiments were performed at a cascade exit Reynolds number of 5.3×10^5 . The corresponding flow velocity at the cascade exit was 50m/s. Air as coolant was tested at blowing ratios of 0.6, 0.8, and 1.2 for no rod no wake cases (S=0, $\overline{\text{Tu}}$ =0.7%) and cases with wake (S=0.1, $\overline{\text{Tu}}$ =10.4%).

• Coolant Jet Temperature Field Measurements

Effect of Unsteady Wake Figures 41 and 42 present the result of heated coolant jet temperature profile development for the cases of M=0.8, with and without wake effect (S=0.0 and S=0.1, respectively). Temperature profiles are measured at planes at X/D=1, 5, 10, and 15 along the streamwise direction. Due to the delicacy of cold wire, we couldn't approach it very close to the blade wall surface (in the Y direction). The closest measurement location is about 0.5mm away from the surface (Y \geq 0.5mm, Y/D \geq 0.25). Temperature contours dilute as the heated coolant jet moves away from the eject location due to mixing between heated jet and cold free stream air for both steady and unsteady flow cases. However, the unsteady cases dilute faster. Higher mean temperature (θ) can be seen at the center of the heated jet trajectory. Both the strength and the area of this central hotter region are also reduced along the streamwise direction. There's no significant interference between two adjacent

coolant jets. Higher temperature fluctuation (θ') can be found at the mixing region of the jet and the free-stream, where the mean temperature varies greatly. The fluctuation intensity is also gradually weakened along the streamwise direction. The results show that the unsteady wake produces slightly higher temperature fluctuations than the steady flow case. Meanwhile, at the same locations, the case with wake effect has larger areas of temperature fluctuations than the case without. This indicates that the unsteady wake has expanded the mixing region by bringing more free-stream air into it and thus enhanced the diffusion of the jet.

Figure 43 shows the enlarged coolant jet temperature contours at X/D=10 for both steady and unsteady cases of a blowing ratio of M=0.8. For the case with unsteady wake effect, both the coolant jet mean temperature (θ) and temperature fluctuation (θ') contour have been expanded to a larger area. The dimensionless mean temperature at jet center is 0.27 for the steady case and is reduced to 0.19 for the unsteady case. The central hotter region of the coolant jet for the case with wake effect is smaller than that of the case without wake effect and it has somewhat drifted away from the blade surface. The temperature fluctuation level is of the same range (from 0 to 0.08) for both cases, but the unsteady case has a much larger temperature fluctuation area. All this implies that the unsteady wake enhances the mixing between the heated coolant jet and the cold free-stream, and more heated jet is diffused into the free-stream.

Effect of Blowing Ratio Figure 44 presents the result of enlarged coolant jet contours for two different blowing ratios (M=0.8 and M=1.2) at location X/D=10 and without wake effect (S=0). The dimensionless mean temperature (θ) at jet center is 0.27 for the case M=0.8 and is reduced to 0.15 for the case M=1.2. For the case M=0.8, we observe a fairly large center region of higher mean temperature, and the jet center is still attached to the blade surface. For the case M=1.2, the central hotter region is smaller than the case M=0.8 and the coolant jet has lift off the blade surface and is barely attached to the wall. Only part of the periphery of the jet has touched the blade wall. This indicates that the higher the blowing ratio, the further the jet would lift off the blade surface, which reduces the film cooling coverage. The case M=1.2 has a much larger temperature fluctuation area than the case M=0.8, but the temperature fluctuation level is decreased due to its lower jet temperature. The temperature fluctuation range is from 0 to 0.05 for the case M=1.2, and from 0 to 0.08 for the case M=0.8. All this shows that for the higher blowing ratio, there is more mixing between the heated coolant jet and the cold main stream. The coolant jet dilutes faster as the jet goes away along the streamwise direction.

• Film Cooling Measurements

Effect of Unsteady Wake on Film Cooling Effectiveness Figure 45 presents the detailed film cooling effectiveness distributions for air injection at three different blowing ratios (M=0.6, 0.8, 1.2) with and without unsteady wakes, respectively. Since there are no film cooling holes at leading edge of the blade, the film streaks

start where the row of film cooling holes (the only row of holes in this study) is located. From Figure 45, one can see that the film streaks extend along the streamwise direction fairly straightly. The streaks are gradually weakened the further they extend away from the film cooling holes. The film cooling effectiveness between streaks is very low due to the lack of spanwise mixing of jets, which we can also clearly observe from the coolant jet temperature contour measurements. For cases without the effect of unsteady wakes, the streaks remain clearly evident downstream of the injection holes, except for the very high blowing ratio of 1.2, in which the jet has apparently lift off from the blade surface because of its high momentum. With the effect of unsteady wake, the turbulence level in the free-stream is higher. The figure shows that the streaks are evidently weakened but expanded further down in the streamwise direction. Observation of coolant jet temperature contour tells us that, due to the effect of unsteady wake, the coolant jet has more mixing with the mainstream, which widens the jet streak yet weakens the cooling jet much faster than the cases without unsteady wake.

In Figure 46, the film cooling effectiveness distribution along film hole centerline shows that centerline film effectiveness decreases along the streamwise direction due to the continuous mixing between coolant jet and mainstream. The higher the blowing ratio, the lower its centerline film effectiveness at the same location. Among all the cases, the case M=0.6 and without wake effect has the highest centerline effectiveness. It has a high value of 0.33 at the location right behind the film hole and then decreases to and remains at about 0.2 afterwards. Addition of unsteady wake decreases the centerline film effectiveness for the same blowing

ratios. Compared to the case M=0.8, unsteady wake has a greater effect on the case of lower (M=0.6) and higher blowing ratios (M=1.2), especially at the region right behind the film hole, where both of the latter two cases have a sharp drop in centerline effectiveness.

In the spanwise-averaged film effectiveness distribution shown in Figure 46, for blowing ratios of 0.6 and 0.8, film cooling effectiveness with the effect of unsteady wake is significantly lower than that without unsteady wake at areas immediately downstream of the film cooling holes. However, this trend doesn't last long. Starting from X/D=5, the spanwise-averaged cooling effectiveness with wake effect is about the same as that without wake effect. The possible explanation for this phenomenon is that before X/D=5, the wake effect is mainly manifested in the reduction of the spanwise-averaged effectiveness; after X/D=5, another aspect of wake effect, expansion of the coolant jet to cover more blade surface area, begins to show its beneficial part and thus keeps the spanwise-averaged effectiveness from decreasing. For a blowing ratio of 1.2, the spanwised cooling effectiveness with wake effect is generally only slightly lower than that without wake effect. In this case, the expanding of the coolant jet won't make much difference because the jet has lift off the blade surface anyway. So the wake effect is mainly the decrease of the film cooling effectiveness.

All this indicates that unsteady wake has a strong effect on the film cooling effectiveness distributions. Without unsteady wake, the film cooling jets protect the surface better within limited areas. Addition of unsteady wake causes disturbances in the mainstream which result in more mixing between the mainstream and coolant

jets. This results in two effects: on the one hand, the film coolant jet has been diluted and produced smaller cooling effectiveness; on the other hand, the film coolant jet has been expanded along the spanwise direction and more area is covered by film cooling, and thus could contribute to the increase of spanwise-averaged cooling effectiveness. However, generally, unsteady wake has caused the film cooling effectiveness to decrease.

Effect of Unsteady Wake on Nusselt number Figure 47(a1) — (a4) are for cases without wake effect and (b1) — (b4) for cases with wake effect. Among them, (a1) and (b1) are for the smooth surface and the other three in each group have blowing ratios of 0.6, 0.8 and 1.2. Unlike the film effectiveness distribution measurements, here we have gathered data on the whole suction surface in order to get information on the film cooling jet's effect on the blade surface heat transfer right behind the film cooling holes as well as its effect on boundary-layer transition.

For a smooth surface without wakes (case a1), the Nusselt numbers drop rapidly from the leading edge to about X/SL=0.5 on the suction surface and then increase again due to boundary-layer transition to turbulent flow. For a smooth surface with wakes (case b1), the Nusselt numbers also decrease along the streamwise direction but transition occurs much earlier (X/SL=0.25) for this case than for case a1. Also, its spanwise-averaged Nusselt number is higher than that of case a1 before the transition begins.

With film cooling, the Nusselt numbers at locations right behind the film cooling holes increase significantly and traces of high Nusselt numbers are formed right behind the holes. The higher the blowing ratio, the longer this trace of highly-increased Nusselt numbers. Due to the film injection, boundary-layer transition occurs slightly earlier in cases a2 to a4 than in case a1. As soon as boundary transition begins, the Nusselt numbers increase at about the same rate as in case a1, and they keep increasing much further down the blade before they begin to decrease again. The same is true for cases with both film cooling and unsteady wake effect, as we compare the cases b2 to b4 with case b1. However, as we have noticed, no matter with or without film cooling, the addition of an unsteady wake has caused boundary transition to occur significantly earlier than the cases without unsteady wake. Also, for cases with wake effect, the streaks of high Nusselt numbers right after the film holes are a little shorter compared with cases without wake effect. The reason for this is that, due to the unsteady wake, the cooling jet is diluted faster along the streamwise direction than in cases without unsteady wake.

Figure 48 presents the spanwise-averaged Nusselt number distributions for both steady and unsteady flow with wake effect. The small arrows indicate where the film injection is. The results for the smooth surface blade with and without wake are in good agreement with those for the same cases from Ou et al. (1994), who used the thin-foil-thermocouple technique to study the heat transfer over a model turbine blade. The figure shows that, for both cases with and without unsteady wake, the spanwise-averaged Nusselt number shows a peak increase right downstream of the jet ejection location. It then decreases along the streamwise direction till it reaches the boundary-layer transition location, where it begins to increase again to reach its second peak value. The second peak value is higher than the first one. However, for

the cases with wake effect, the spanwise-averaged Nusselt number doesn't drop as low as the cases without wake effect before it begins to increase again due to much earlier boundary-layer transition. In Figure 48 we also observe that, the higher the blowing ratio, the greater both of its peak values. Blowing ratio has a comparatively greater effect on the first peak value. Higher blowing ratio pushes the transition front only slightly ahead. The blowing ratio effect is very small compared to the effect of unsteady wake as far as the boundary-layer transition is concerned.

It indicates that film cooling enhances the surface heat transfer along the blade while the unsteady wake causes earlier boundary-layer transition. However, the results show that both film cooling and wake effect can't affect much on the maximum spanwise-averaged Nusselt number (the second peak value at the end of boundary-layer transition) achieved on the suction surface.

4.6 Detailed Film Cooling Measurements on A Cylindrical Leading Edge Model: Effect of Free-Stream Turbulence and Coolant Density

Tests were conducted in a low speed wind tunnel for a Reynolds number of 100,900 based on cylinder diameter. Air is used as coolant to simulate a coolant-to-mainstream density ratio (DR) of 1.0 and CO₂ is used to simulate a density ratio of 1.5. The coolant-to-mainstream momentum flux ratio (I) is a function of the blowing ratio and the density ratio, I=M²/DR. The mainstream inlet velocity and density is used for evaluating the blowing and density ratios. Heat transfer coefficient results are presented on a smooth surface for three turbulence levels of 1%, 4.1%, and 7.1%. Film effectiveness and heat transfer coefficient distributions are presented for three blowing ratios of 0.4, 0.8, and 1.2 and two coolant density ratios of 1.0 (air) and 1.5 (CO₂) at a low free-stream turbulence intensity of 1%. Film effectiveness and heat transfer coefficient distributions are also presented at M=0.4 and 1.2 for both coolants at Tu=4.1% and 7.1%.

The coolant-to-mainstream density ratio for the heat transfer coefficient and film effectiveness tests are almost equal. The heat transfer coefficient test is run with both mainstream and coolant at room temperature whereas in the film effectiveness test, the coolant is slight hotter $(T_c-T_{\infty}-6^{\circ}C)$ than the mainstream. Such a small difference in temperatures does not produce significant variation in the density ratios between the two tests.

Velocity and turbulence measurements were measured along the wind tunnel. Incident mainstream velocity (U_{∞}) was obtained to be 21 m/s at X/D=9.5 from the grid location. Figure 49 presents the centerline streamwise turbulence intensity distributions for the three turbulence levels. As the distance from the nozzle increases, the streamwise turbulence decays and reaches a low just upstream of the cylinder. This low value is defined as the oncoming free-stream turbulence intensity and is obtained to be 1% for no grid case, 4.1% for grid 1, and 7.1% for grid 2. Corresponding streamwise dissipation length scales at the same location were estimated to be about 1.3 cm for grid 1 and 1.5 cm for grid 2.

Smooth Surface Heat Transfer

Heat transfer coefficients were measured on a smooth surface with no film holes under the three free-stream turbulence levels. Local Nusselt numbers are normalized by the mainstream Reynolds number and presented as Nu/Re^{1/2}. The viscosity and conductivity used to evaluate the Nu/Re^{1/2} values are based on the oncoming mainstream inlet flow. Figure 50(a) presents the span-averaged Nu/Re^{0.5} distributions under free-stream turbulence effects. Results are presented on one side of the front half of the cylinder from geometric stagnation (0°) to about 70° downstream from the stagnation point. The Nu/Re^{0.5} values over the entire measurement region increases with an increase in free-stream turbulence. Stagnation point heat transfer is enhanced up to 50% for Tu=7.1% over low turbulence level of Tu=1%. The enhancement for Tu=4.1% is about 30%. The Nu/Re^{0.5} values decreases with increase in angle from

stagnation. The Frössling theoretical solution for zero-turbulence is also shown for comparison. Results from Mehendale et al. (1991) are also presented for comparison. Turbulence levels used in the study by Mehendale et al. (1991) were 0.75%, 5.07%, and 9.67%. Their results agree well with the present results closer to the leading edge. However, farther from the leading edge, the present results are lower than that from Mehendale et al. (1991).

Figure 50(b) compares the stagnation point heat transfer results from the present study with established correlations by Smith and Keuthe (1966), Kestin and Wood (1971) and Lowery and Vachon (1975). The present data agree most closely with the Kestin and Wood correlation. Comparison with other two correlations is not good at TuRe^{1/2} values over 20. All the three correlations are close to each other at low TuRe^{1/2} values. In the present study, the Reynolds number is constant and the free-stream turbulence is varied to obtain different TuRe^{1/2} values.

• Film Cooling

Figure 51 presents the detailed Nu/Re^{0.5} distributions for the three blowing ratios for both coolants at Tu=1%. For both coolants, an increase in blowing ratio produces higher Nu/Re^{0.5} values. For low blowing ratio of 0.4, the Nu/Re^{0.5} values are higher near the top edge of the film holes. As blowing ratio increase, the Nu/Re^{0.5} values are higher downstream of the entire hole. The coolant has limited interaction with the mainstream for low blowing ratios. However, as blowing ratio increase, the interaction with mainstream increases producing more turbulent mixing thus

enhancing downstream heat transfer coefficients. The Nu/Re^{0.5} distributions for the same blowing ratio for both coolants appear similar. However, the higher density coolant produces slightly lower Nu/Re^{0.5} values due to lower momentum flux ratio (I).

Figure 52 presents the detailed film effectiveness distributions at the three blowing ratios for both coolants at Tu=1%. Effectiveness in the axial direction along the hole decreases with an increase in blowing ratio. However, effectiveness appears to be highest for M=0.8 with CO₂ injection. It is clearly evident that the coolant streaks show more angle away from the mainstream as blowing ratio increases. At higher blowing ratios, coolant jets have a higher momentum into the mainstream which may cause the angled coolant streaks. Higher density coolant (CO₂) provides higher effectiveness near the hole at a blowing ratio of M=0.8 compared to lower density coolant (air). However, at M=0.4, air provides better effectiveness. Air as coolant possesses higher momentum than CO₂ at the same blowing ratio. At low blowing ratio, air has optimum momentum to provide higher effectiveness on the surface. The coolant density effect appears to be reduced at higher blowing ratios of M=1.2. At higher blowing ratios, coolant jets shoot into the mainstream and disturb the thin boundary layer without providing enough protection.

Figure 53 presents the span-averaged Nu/Re^{0.5} distributions for both coolants at all three blowing ratios. The momentum flux ratios (I) for each coolant at different blowing ratios are presented in the figure. Span-averaged results are presented from the upstream edge of film hole location (10°) to about 70° from leading edge stagnation point. The Nu/Re^{0.5} values are high at the hole location and decrease

downstream for all blowing ratios and both coolants. Far downstream (70°), the effect of film injection is reduced and Nu/Re^{0.5} values are closer to a value of 1.0. The nogrid turbulence case for smooth surface is also presented for comparison. An increase in blowing ratio produces an increase in Nu/Re^{0.5} values for both coolants. An increase in coolant density produces lower Nu/Re^{0.5} values for same blowing ratio. CO₂ as coolant has lower momentum flux ratio compared to air at the same blowing ratio. The coolant-to-mainstream momentum flux ratio is also an important parameter in film cooling situations. Higher density coolant is heavier than the oncoming mainstream fluid. This reduces coolant jet to mainstream interaction, thus reducing turbulent mixing, which in turn produces lower heat transfer coefficients compared to a coolant which has same density as mainstream. Figure 53 also presents the spanaveraged film effectiveness distributions for all three blowing ratios and both coolants. Results are presented from upstream edge of film hole location. Effectiveness value decrease slightly with increase in distance from hole location. An increase in blowing ratio produces lower film effectiveness for air injection. However, the effect of blowing ratio for an increase from M=0.8 to M=1.2 does not produce much variation for $\overline{\eta}$ values with air as coolant. It should be noted that the detailed film effectiveness distributions at the two blowing ratios are different. CO₂ as coolant provides highest effectiveness at M=0.8. Film effectiveness with CO₂ as coolant is lower than for air as coolant at blowing ratios of 0.4. However, at higher blowing ratios (M=1.2), the effect of coolant density disappears. Both air and CO₂ produces similar $\overline{\eta}$ values for M=1.2.

Effect of Free-Stream Turbulence

The effect of free-stream turbulence is also an important parameter that effects airfoil leading edge film effectiveness and heat transfer coefficients. Figure 54 presents the detailed Nu/Re^{0.5} distributions for air injection at blowing ratios of 0.4 and 1.2 under increased free-stream turbulence. Two higher levels of turbulence at 4.1% and 7.1% are presented for both blowing ratios. Free-stream turbulence does not appear to significantly affect the Nu/Re^{0.5} distributions downstream of injection. Free-stream turbulence intensity may be lower than the large-scale turbulence generated immediately downstream of film holes by coolant-mainstream mixing. This may be the reason for the small effect of free-stream turbulence on heat transfer coefficients.

Figure 55 presents the detailed Nu/Re^{0.5} distributions for CO₂ injection at blowing ratios of 0.4 and 1.2 under increased free-stream turbulence. Two higher levels of turbulence at 4.1% and 7.1% are presented for both blowing ratios. Free-stream turbulence does not seem to significantly alter the Nu/Re^{0.5} distributions for both blowing ratios as in the case for air injection. However, an increase in free-stream turbulence appears to reduce the spanwise variations downstream compared to the nogrid case (Tu=1%) for both blowing ratios. Higher free-stream turbulence enhances coolant-mainstream mixing which may be the reason for reduced spanwise variations of Nusselt numbers.

Figure 56 presents the span-averaged Nu/Re^{0.5} distributions for both air and CO₂ injection under the effects of increase free-stream turbulence. It can be seen that free-

stream turbulence has little effect for most of the surface for both coolants at both blowing ratios. However, in the region immediately (1 hole diameter) downstream of the holes, the free-stream turbulence causes significant variations of span-averaged Nusselt number values.

Figure 57 presents detailed film effectiveness distributions for air injection at blowing ratios of 0.4 and 1.2 under increased free-stream turbulence. Free-stream turbulence reduces film effectiveness significantly for M=0.4 (I=0.16). Higher free-stream turbulence breaks down low momentum coolant jets (I=0.16) and decreases surface protection. The reduction in the film effectiveness is clearly evident in the detailed distributions. At higher blowing ratio of 1.2 (I=1.44), the effect of free-stream turbulence is not so significant. However, the effectiveness is slightly reduced immediately downstream of injection. There is more uniform effectiveness over the entire surface at higher free-stream turbulence. The stronger momentum jets at M=1.2 (I=1.44) are not affected significantly by free-stream turbulence as in the case for M=0.4.

Figure 58 presents the detailed film effectiveness distributions for CO₂ injection at blowing ratios of 0.4 and 1.2 under increased free-stream turbulence. Free-stream turbulence reduces film effectiveness significantly for M=0.4 from Tu=1% to Tu=7.1%. Higher free-stream turbulence breaks down coolant jet structure (I=0.107) at low blowing ratio. At higher blowing ratio of 1.2 (I=0.96), the effect of free-stream turbulence is not so significant with more uniform effectiveness over the entire surface at higher free-stream turbulence. Effectiveness downstream of the hole is reduced with an increase in free-stream turbulence.

Figure 59 presents the span-averaged film effectiveness distributions for both air and CO₂ injection under the effects of increase free-stream turbulence. For a low blowing ratio of 0.4, the film effectiveness value drop significantly with an increase in free-stream turbulence for air and CO₂ injection. The free-stream turbulence effect is not so significant at M=1.2 for both coolants. There is a slight reduction in the region immediately downstream of the holes. But the effectiveness values are not affected by an increase in free-stream turbulence at such high blowing ratios.

Local Nusselt numbers (Nu) with film injection are normalized by local Nusselt numbers (Nu₀) without film injection. The local Nusselt number ratios (Nu/Nu₀) are regionally averaged to produce a single spatially averaged Nusselt number ratio for each blowing ratio for each coolant at each free-stream turbulence. The spatial averaging is done for the spanwise length encompassing four-hole spacing as shown in the detailed distributions and for the axial distance from 20° to 70° (downstream of injection hole) from leading edge. Similarly, the local film effectiveness values are averaged over the same region to produce a single spatially averaged film effectiveness. The spatially averaged Nusselt number ratios and film effectiveness values are plotted against the momentum flux ratios in Figure 60. The open symbols represent I values with air injection and closed symbols represent I values with CO2 injection. The Nusselt number with film injection are normalized by Nusselt number without film injection at the same free-stream turbulence intensity. The Nusselt number ratios show a continuing increase with an increase in momentum flux ratio. With increasing I, there is more coolant-to-mainstream interaction causing higher heat transfer coefficients downstream of injection. This may be the reason for the

increase in Nusselt number ratio with increasing I. With an increase in free-stream turbulence, Nusselt number ratio at the same I value decreases. As indicated earlier, Nusselt number downstream of injection (Nu) are not affected by increases in freestream turbulence intensity. However, Nusselt numbers without film injection (Nu₀) increase with an increase in free-stream turbulence intensity. This is the reason for lower Nusselt number ratios for higher free-stream turbulence intensity. Film effectiveness values at low turbulence (1.0%) increase from I=0.1 to a peak at I=0.16 and then decrease to I=0.96 and are maintained at about same level at I=1.44. With an increase in free-stream turbulence intensity, film effectiveness at low I decrease significantly. At low I, film effectiveness is very low at Tu=7.1%. At high I (I>0.96), free-stream turbulence has little effect on film effectiveness. The high momentum jets are not easily broken down by higher free-stream turbulence as in the case for low momentum jets. The results obtained from this study using two different coolants at same blowing ratios correlate well with the dependent parameter I. From the results, it can be interpreted that momentum flux ratio can be used a parameter to correlate the effects of coolant density and coolant blowing ratio.

4.7 Film Temperature Measurements on A Cylindrical Leading Edge Film Cooling Model

Tests were conducted in a low speed wind tunnel for a Reynolds number of 100,900 based on a cylinder diameter. Film effectiveness and the temperature field measurement results are presented for two blowing ratios (M) of 0.4 and 1.2 and two turbulence intensities (Tu) of 1% and 7.1%.

Figures 61-64 present the results of film temperature field measurements. Figures 61 and 62 represent the case of a small blowing ratio, M=0.4. Low turbulence level results are presented in Figure 61. The results at 20° and 30° show the clear shape of the injected jet. Maximum temperature can be obtained at the center of a jet trajectory. Very high temperature fluctuation can be found at the mixing region of the jet and free-stream where the mean temperature varies greatly. The results at 50° and 70° show a very small region of high temperature. According to Figure 54(a), the film effectiveness is still high at 50° and 70° along with jet trace. These results imply that the jet approaches very close to the wall as it progresses downstream due to the curvature and pressure gradient effect. The jet trajectories taken from Figure 54 appear to be different from that of Figures 61 and 62. It seems that the bottom part of the jet is in the relatively low momentum part of the boundary layer, and thus the amount of deflection is different for the top and bottom parts of the jet. The coldwire probe cannot approach the cylinder wall close enough to reveal very thin jet at these angles. The nearest measurement point is 0.5mm from the cylinder surface. High free-stream turbulence results are shown in Figure 62. Since high free-stream turbulence enhances the diffusion of a jet, the jet is mixed with free-stream and spread out much more when compared with how free-stream turbulence. Thus the maximum temperature of a jet is slightly lower than the low free-stream turbulence for the near hole region such as the angle of 20° and 30°. As shown in Figure 54(a), free-stream turbulence reduces the film effectiveness significantly. At 50° and 70° angle, there remains little of the jet and both the mean temperature and the temperature fluctuations are very small. It implies that most of the jet is diffused and provides little effectiveness there. For a small blowing ratio, the jet momentum is small and it follows the main stream immediately after injection regardless of the turbulence intensity, thus the spanwise displacement of a jet is very small and is also clearly seen in Figure 54(a).

The results of a high blowing ratio are depicted in Figures 63-64. As previously presented, low turbulence is shown in Figure 63 and high turbulence in Figure 64. From the figure, a kidney shaped vortex just downstream of the injection can be clearly seen. The effect of curvature and pressure gradient makes the coolant jet deflect closer to downstream and accelerate. The jet deflection in the direction of injection for the leading edge is much larger than that for the flat plate when comparing the results with Ekkad et al. (1997a). Thus the development of secondary motion in the deflecting jet is increased and results in the formation of a kidney shaped vortex. This kind of formation does not occur in lateral injection flat plate film cooling (Han et al., 1997). In the study of Han et al. (1997), only one dominating vortex can be found. The kidney vortex formation results in low film cooling effectiveness along the centerline of the jet passage and high effectiveness at

the edge region of jet passage as can be found in Figure 54(b). For low free-stream turbulence, both sides of the vortex contact the surface and provide high film cooling effectiveness along the edge of the jet passage near the cooling hole region as can be found in Figure 54(b). Temperature distribution cannot show this clearly because the probe cannot measure closely enough to reveal this near wall jet behavior. For high free-stream turbulence, the jet also forms a kidney shaped vortex but only one side of the jet touches the surface and show the high film cooling effectiveness as can be seen in Figure 54(b). The temperature distributions are not greatly affected by the turbulence intensity. As the jet proceeds downstream, it approaches the wall and provides better film coverage over the downstream region compared to the low blowing ratio. AT the downstream region, such as 50° and 70° angle, the mean temperature distribution and temperature fluctuation is affected little by a free-stream turbulence. Due to the large momentum of the jet, the jet trajectories are more deflected when compared to the results of a small blowing ratio. As can be seen in Figure 54, the deflection is reduced by a high free-stream turbulence. Turbulent mixing transfers the momentum of a jet into a free-stream and the deflection is reduced.

5.0 CONCLUSIONS

5.1 Conclusions on gas turbine blade models

- Detailed Nusselt number and film effectiveness distributions using a transient liquid crystal technique were obtained on the entire turbine blade mid-span region. The strong spanwise and axial variations due to film injection are clearly evident in the detailed distributions that provide valuable insight into the film cooling process.
- 2. It is important to note that unsteady wake, trailing edge coolant jets, free-stream turbulence, coolant density and flow Reynolds numbers are all important parameters affecting the blade surface heat transfer coefficient and film cooling effectiveness.
- Nusselt numbers are significantly enhanced for a film cooled blade compared to a non-film cooled blade. Film injection also causes earlier boundary layer transition on the suction surface.
- 4. Higher film effectiveness streaks are observed downstream of injection holes on the suction surface. However, the streaks are not evident on the pressure surface.
- 5. Nusselt numbers increase with an increase in blowing ratio, particularly in the region immediately downstream of holes. Film effectiveness significantly increases with an increase in blowing ratio for CO₂ injection.
- 6. An increase in coolant density has little effect except in the regions immediately downstream of injection where CO₂ injection provides higher Nusselt numbers

- than air injection. CO₂ injection provides highest effectiveness at M=1.2 compared to air injection. Air injection provides higher effectiveness at M=0.8 compared to CO₂ as coolant.
- 7. Unsteady wake promotes mainstream turbulence and thus enhances the heat transfer coefficient on blade surface. However, unsteady wake significantly reduces film effectiveness. Unsteady wake also induces earlier boundary layer transition to turbulence on the suction surface and reduces spanwise variations of the heat transfer coefficients over the entire blade surface.
- 8. For the blade model with only one row of cooling holes near the gill hole region on the suction surface, unsteady wake plays a dominate role in determining the boundary—layer transition location. Single-row of film injection does not affect much on the location of boundary-layer transition.
- A grid-generated turbulence imposed on an unsteady wake further enhances the heat transfer coefficient on the blade surface and also promotes early transition on the blade suction surface.
- 10. The trailing edge jets compensate the defect of the velocity profile caused by the rod passing, and hence velocity is slightly increased for the mainstream flow while the turbulence intensity profile is more uniformly disturbed. The net effect of trailing edge jets is to increase both the pressure surface heat transfer near blade leading edge region and the suction surface heat transfer before boundary layer flow transition. The net effect diminishes in transition and fully turbulent regions on suction surface or far away from the blade leading edge on pressure surface.

- 11. For a film cooled blade, trailing edge ejection has only a small effect on blade surface heat transfer coefficients compared to other significant parameters such as film injection, unsteady wakes, and grid generated turbulence, respectively in that order of decreasing effect. Film effectiveness decreases with the addition of trailing edge ejection in the leading edge region on both pressure and suction surfaces. However, the effect decreases further downstream.
- 12. The development of coolant jet mean temperature and its fluctuation profiles provides better understanding of the film cooling process and can be used to explain the film cooling performance.

5.2 Conclusions on cylindrical leading edge models

- On a cylindrical leading edge model without film cooling hole, heat transfer coefficient is enhanced up to 30% for Tu=4.1% and up to 50% for Tu=7.1% over a Tu=1%.
- 2. On a cylindrical leading edge model with film cooling, high free-stream turbulence enhances the diffusion of a jet into a free stream. For a small blowing ratio, free-stream turbulence largely affects film cooling effectiveness. Free stream turbulence significantly reduces film effectiveness.
- 3. Increase in blowing ratio increases Nusselt numbers downstream of injection.

 Effectiveness for air injection is higher at low blowing ratio M=0.4 and decreases with an increase in blowing ratio. Effectiveness for CO₂ injection is highest at

- M=0.8. Higher heat transfer coefficient region does not necessarily correspond to high film effectiveness as seen in the detailed distributions.
- 4. Increase in coolant density causes a decrease in heat transfer coefficients at all blowing ratios. Air provides better effectiveness at low blowing ratios. Higher density coolant (CO₂) provides highest effectiveness at M=0.8. However, at even higher blowing ratios, an increase in coolant density has little effect on film effectiveness distributions.
- 5. Higher free-stream turbulence has only a small effect on Nusselt numbers at all blowing ratios for both coolants. However, higher free-stream turbulence reduces film effectiveness significantly at M=0.4 for both coolants but has little effect on film effectiveness for M=1.2.
- 6. Overall averaged Nusselt number ratios for film injection show a continual increase with increase in coolant-to-mainstream momentum flux ratio. However, overall averaged film effectiveness varies with different momentum flux ratios. Momentum flux ratio may be used to correlate the results obtained for different coolant densities and coolant blowing ratios.

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- 7.0 Appendix
- 7.1 Figures 1~64

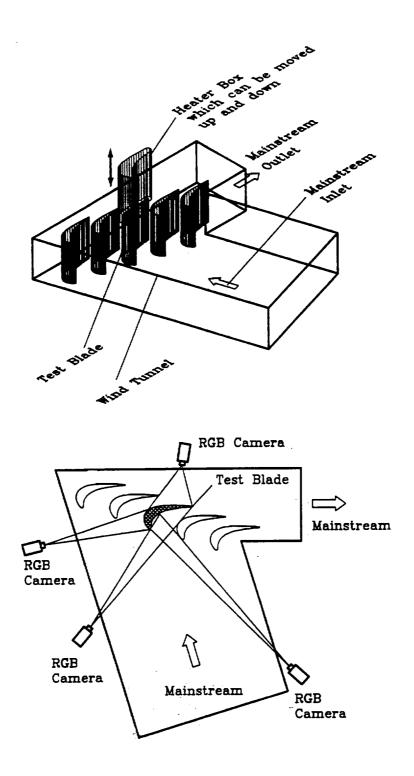
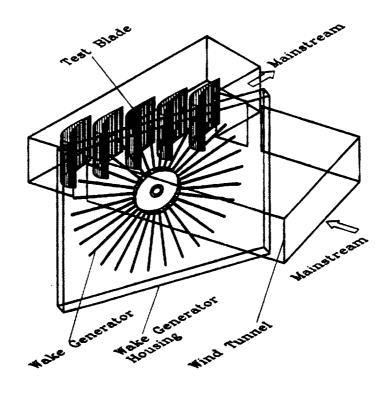


Fig.1 Experiment setup 1: schematic of test section and camera arrangement for film cooling measurement over a gas turbine blade (without wake effect)



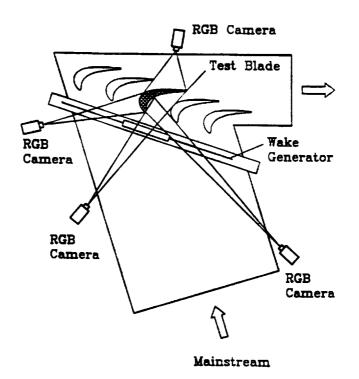
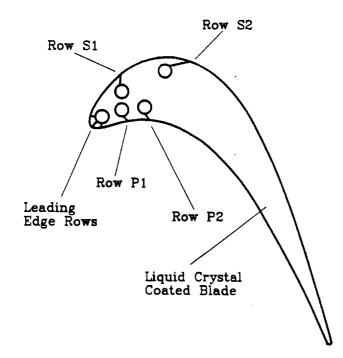


Fig.2 Experiment setup 2: schematic of test section and camera arrangement for film cooling measurement over a gas turbine blade (with wake effect)



Film Hole Location	P/D	L/D	Axial Angle	Radial Angle	Tangential Angle
LE	7.31	2.7	90°	27°	
SI	4.13	7.6	_	90°	45°
S2	5.71	12.8	_	90°	30°
Pl	6.79	4.2	_	32°	55°
P2	5.00	6.7	_	35°	50°

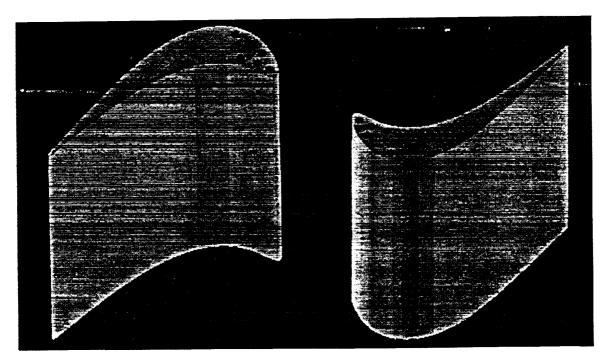


Fig.3(a) Film-cooled turbine blade model

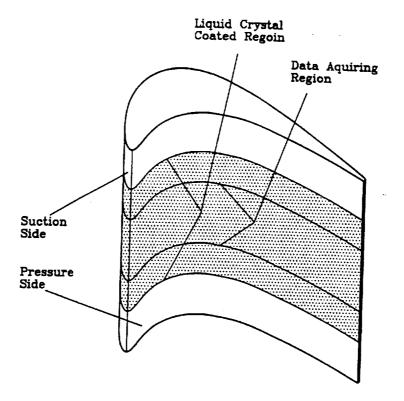


Fig.3(b) The Liquid Crystal Coated Surface Area

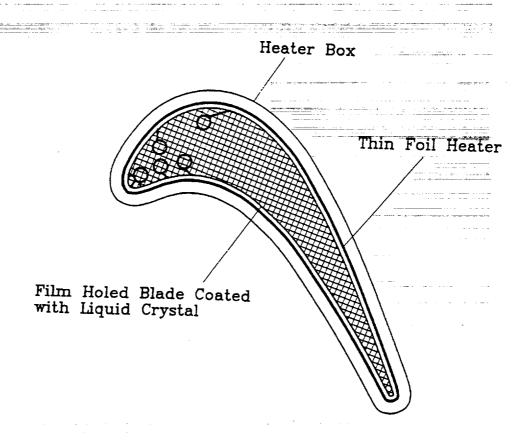


Fig.3(c) Heater Box Cross Section

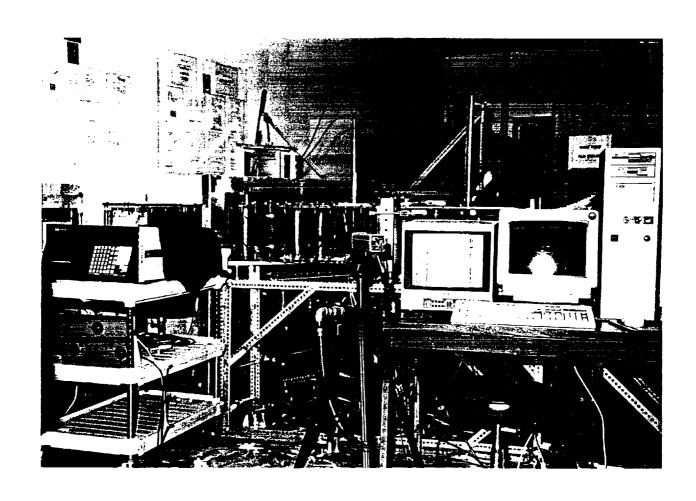
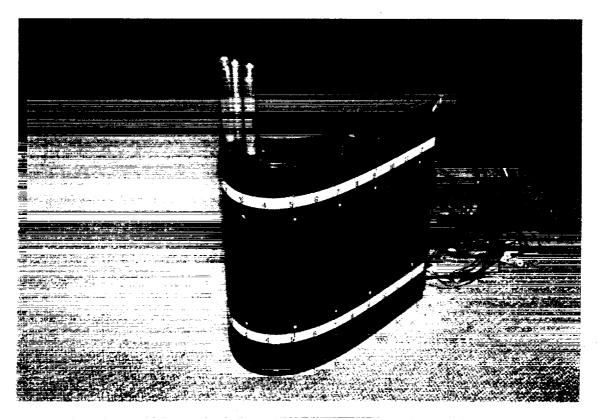


Fig.3(d) Photo of the unsteady flow test facility



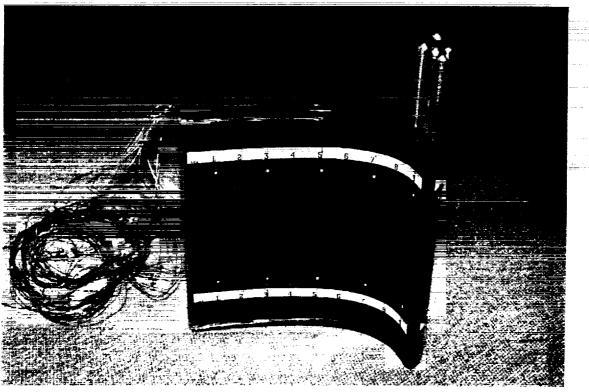


Fig.3(e) Photo of the test blade

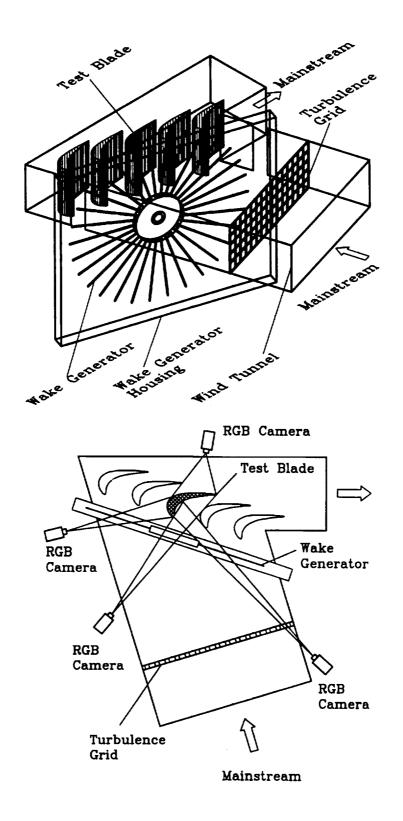


Fig.4 Experiment setup 3: schematic of test section and camera arrangement for the heat transfer and film cooling measurement over a gas turbine blade (with the combined effect of unsteady wake and trailing edge coolant ejection)

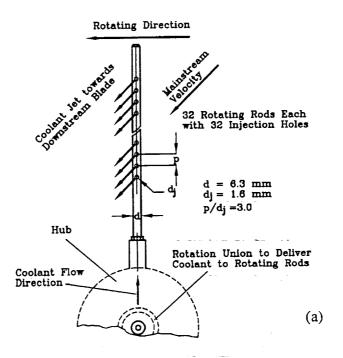


Fig. 5(a) Detailed sketch of a rotating rod

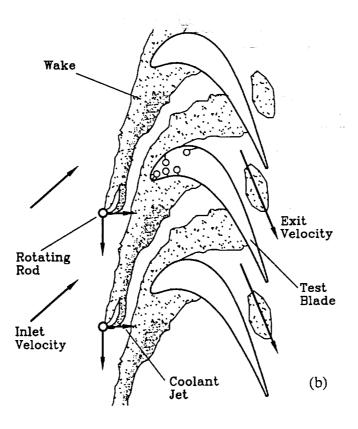
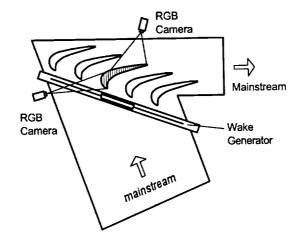


Fig. 5(b) Conceptual view of effects of unsteady wake with coolant ejection on turbine heat transfer



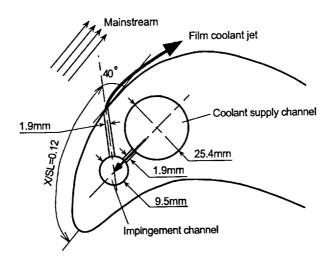


Fig. 6 Experiment setup 4: film temperature and effectiveness measurement on a turbine blade with only one row of film holes on the suction side

- (a) Five blade cascade with center blade coated with liquid crystal and viewed by two cameras
- (b) A 2-D view of the film-cooled blade model

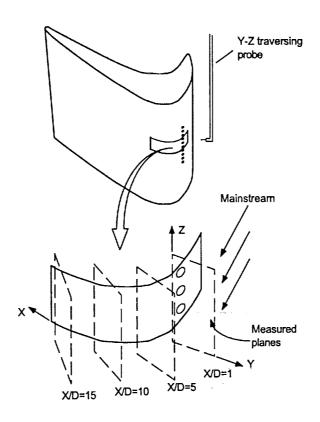


Fig. 7 Measurement planes at selected locations with a cold-wire probe (experiment setup 4)

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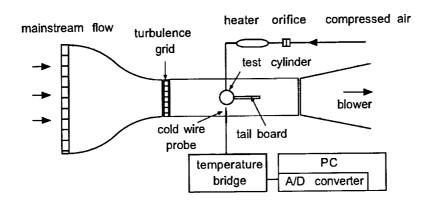


Fig. 8 Experiment setup 5: film temperature and effectiveness measurement on a cylindrical leading edge model

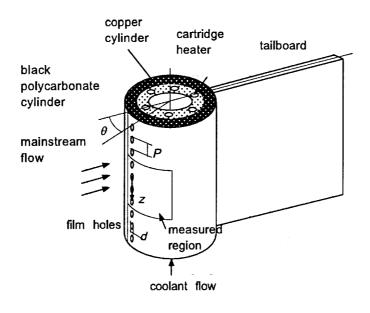


Fig. 9 The cylindrical leading edge model

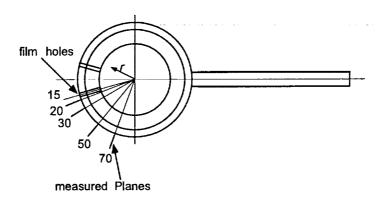


Fig. 10 The measuring planes for the cylindrical leading edge model

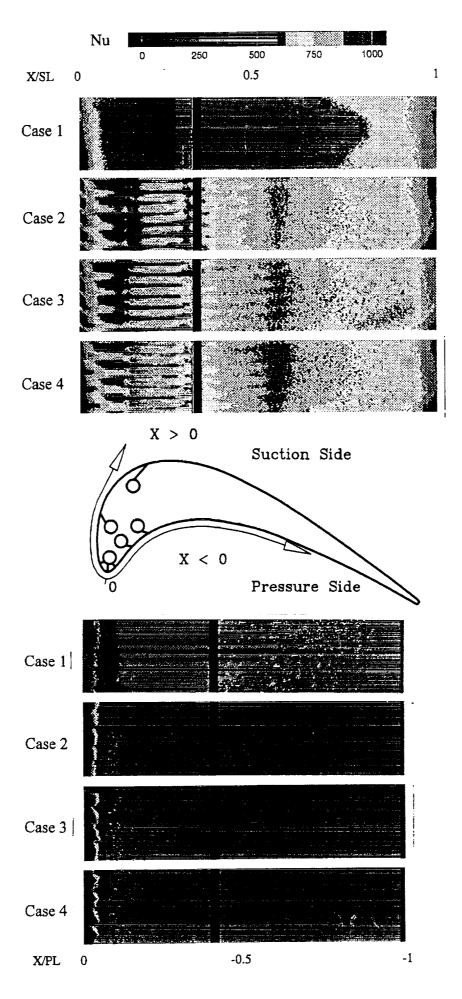


Fig.11 Effect of blowing ratio on detailed Nusselt number distributions for CO₂ injection (Experiment setup 1)

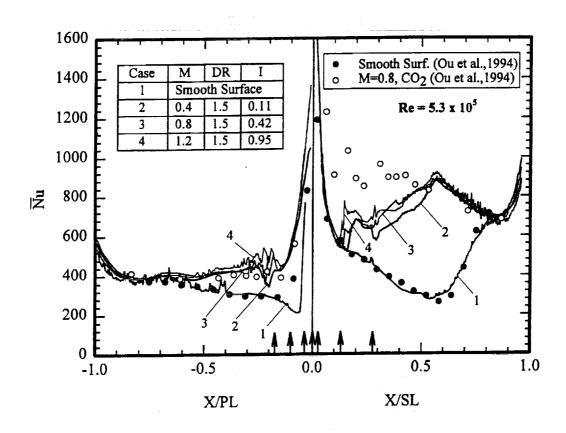


Fig.12 Effect of blowing ratio on spanwise-averaged Nusselt number distributions for CO₂ injection (Experiment setup 1)

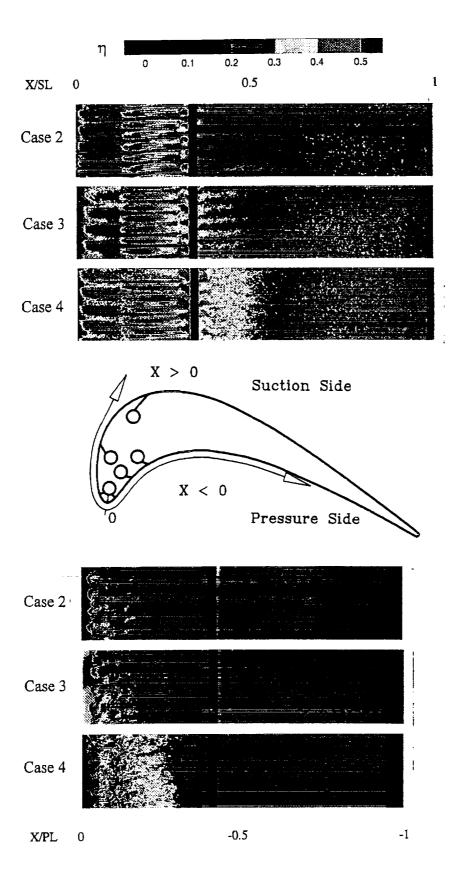


Fig.13 Effect of blowing ratio on detailed film effectiveness distributions for CO₂ injection (Experiment setup 1)

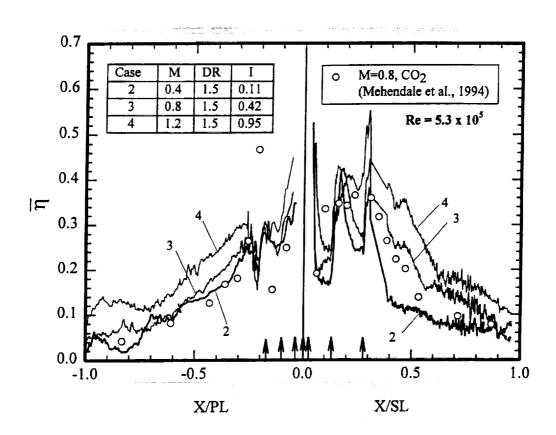


Fig.14 Effect of blowing ratio on spanwise-averaged film effectiveness distributions for CO₂ injection (Experiment setup 1)

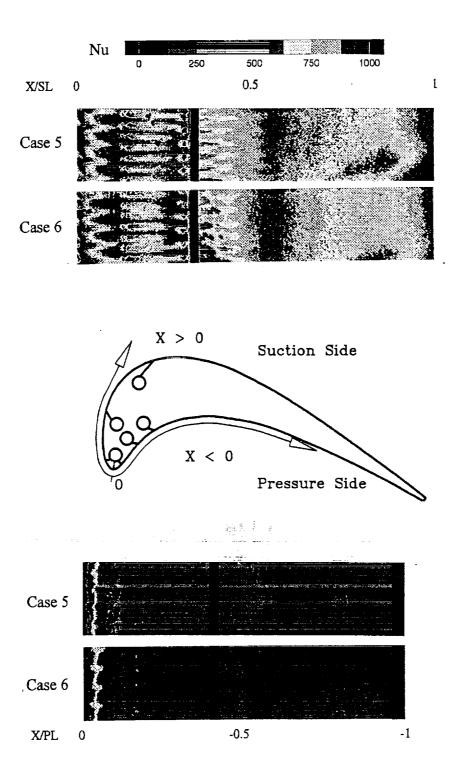


Fig.15 Effect of blowing ratio on detailed Nusselt number distributions for air injection (Experiment setup 1)

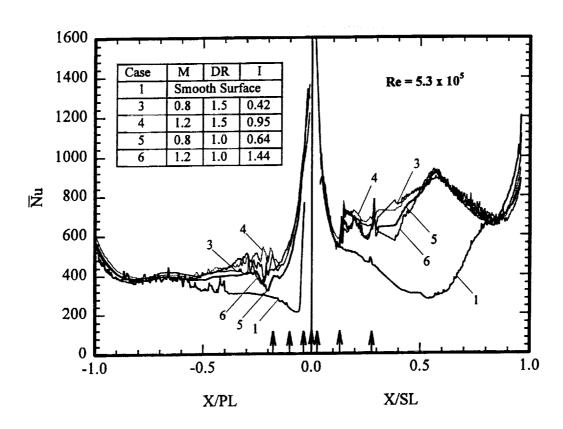


Fig.16 Effect of coolant density on spanwise-averaged Nusselt number distributions (Experiment setup 1)

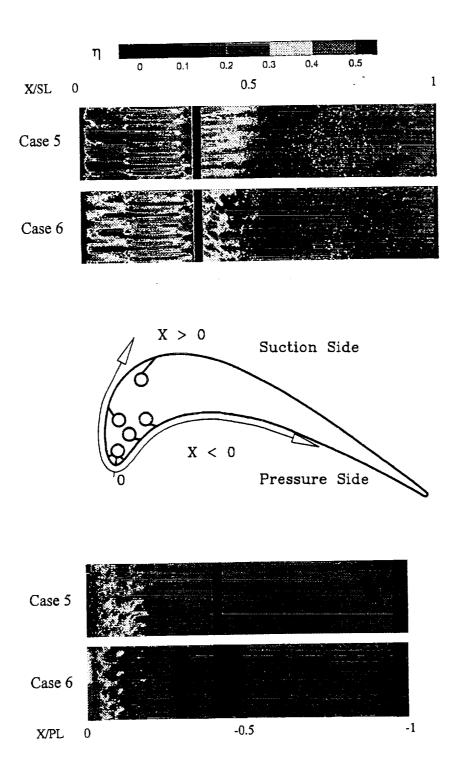


Fig.17 Effect of blowing ratio on detailed film effectiveness distributions for air injection (Experiment setup 1)

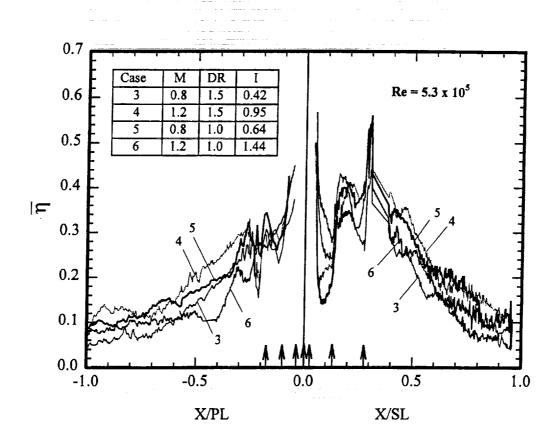


Fig.18 Effect of coolant density on spanwise-averaged film effectiveness distributions (Experiment setup 1)

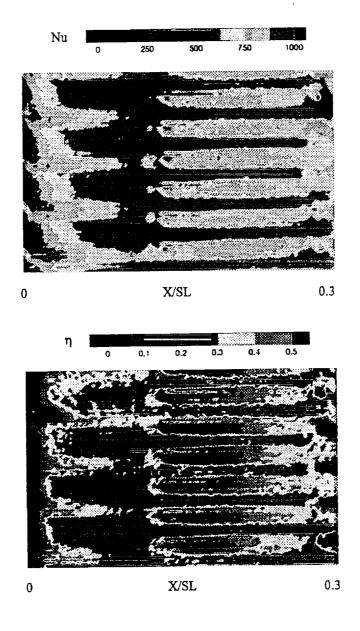


Fig.19 Detailed Nusselt number and film effectiveness distributions on the suction surface between LE and S1 rows for CO₂ injection at M=0.8

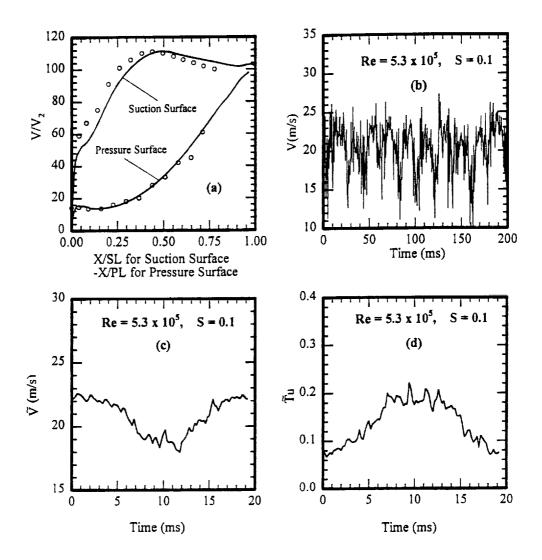


Fig.20 Local-to-exit velocity ratio (V/V_2) distributions on the test blade, Profiles for V(t), \tilde{V} , $\tilde{T}u$, under wake effect at cascade inlet (Experiment setup 2)

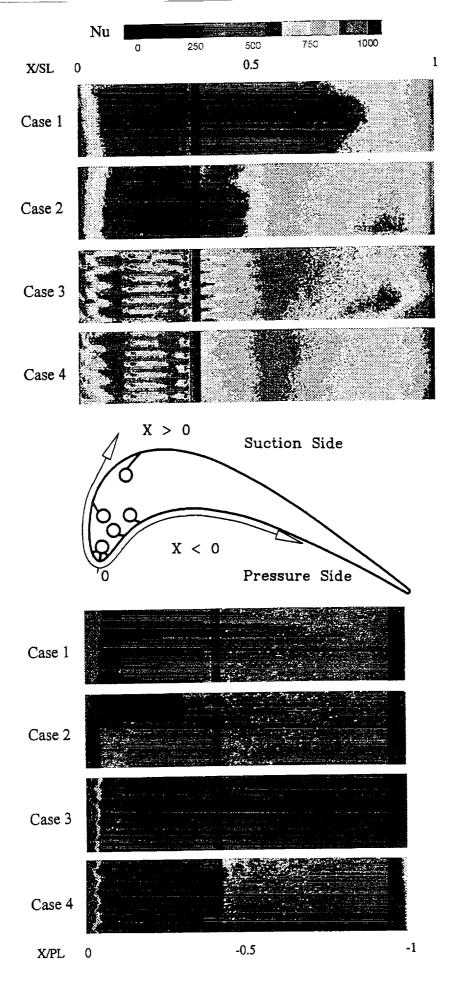


Fig.21 Effect of unsteady wake on detailed Nusselt number distributions for air injection (cases 1-4); M=0.8 (Experiment setup 2)

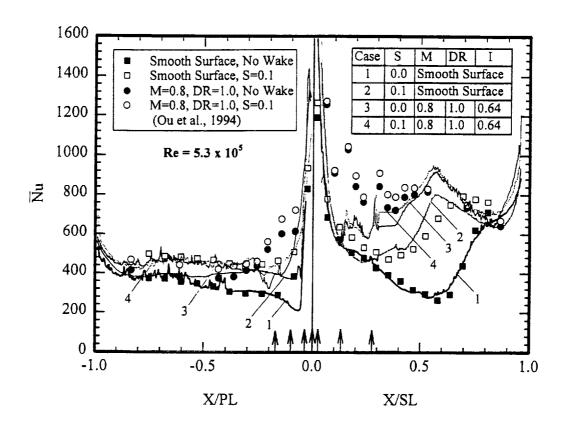


Fig.22 Effect of unsteady wake on spanwise-averaged Nusselt number distributions for air injection (cases 1-4); M=0.8 (Experiment setup 2)

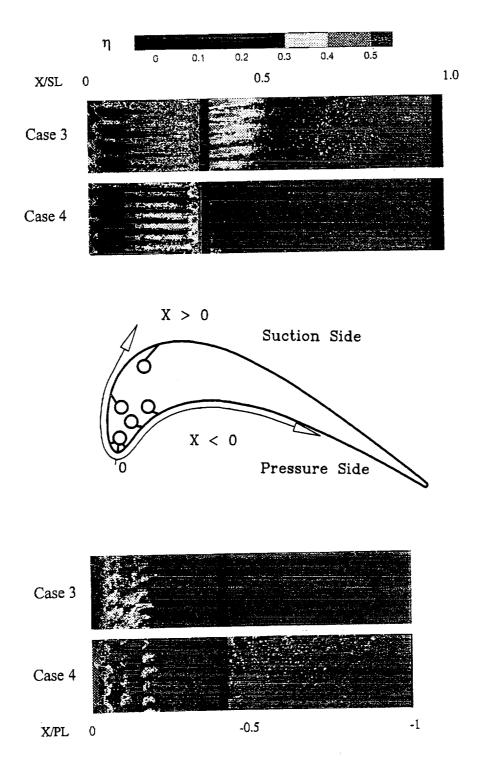


Fig.23 Effect of unsteady wake on detailed film cooling effectiveness distributions for air injection (cases 3-4); M=0.8 (Experiment setup 2)

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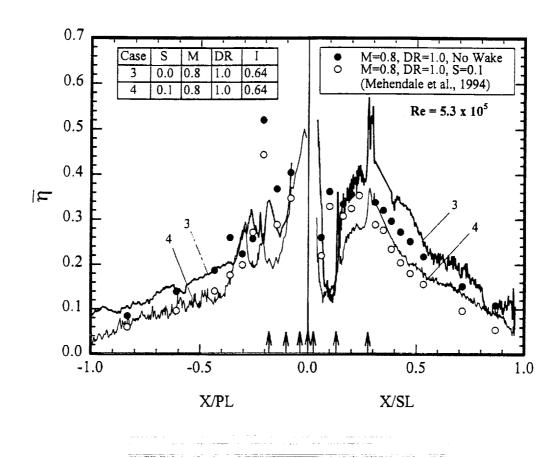


Fig.24 Effect of unsteady wake on spanwise-averaged film cooling effectiveness distributions for air injection (cases 3-4); M=0.8 (Experiment setup 2)

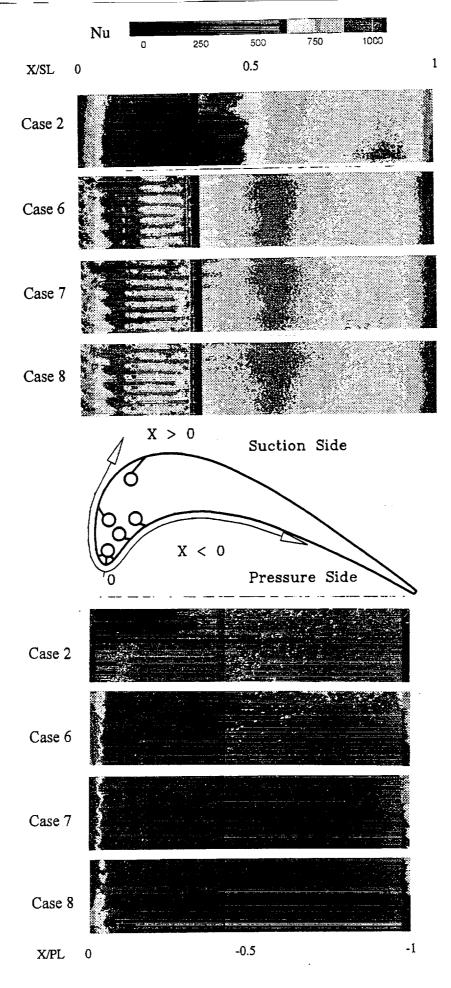


Fig.25 Effect of blowing ratio on detailed Nusselt number distributions for CO₂ injection at S=0.1 (cases 6-8) (Experiment setup 2)

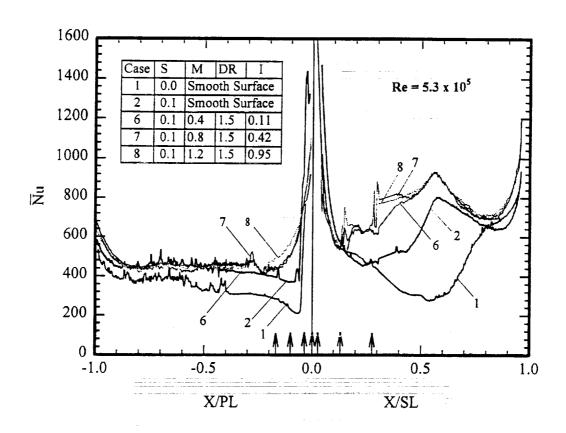


Fig.26 Effect of blowing ratio on spanwise-averaged Nusselt number distributions for CO₂ injection at S=0.1 (cases 6-8) (Experiment setup 2)

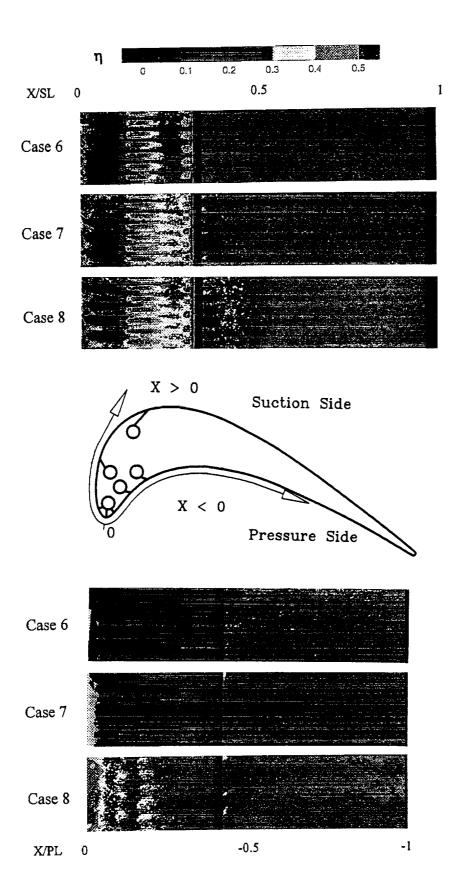


Fig.27 Effect of blowing ratio on detailed film cooling effectiveness distributions for CO₂ injection at S=0.1 (cases 6-8) (Experiment setup 2)

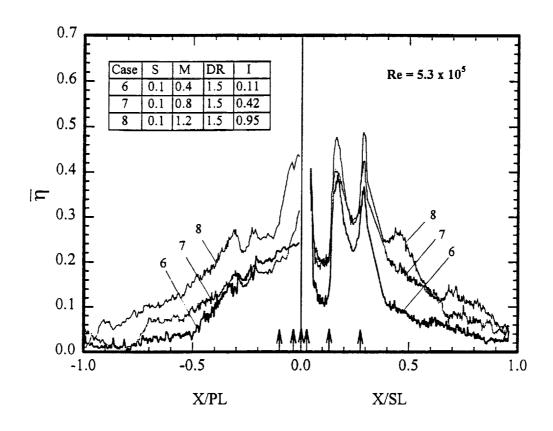


Fig.28 Effect of blowing ratio on spanwise-averaged film cooling effectiveness distributions for CO₂ injection at S=0.1 (cases 6-8) (Experiment setup 2)

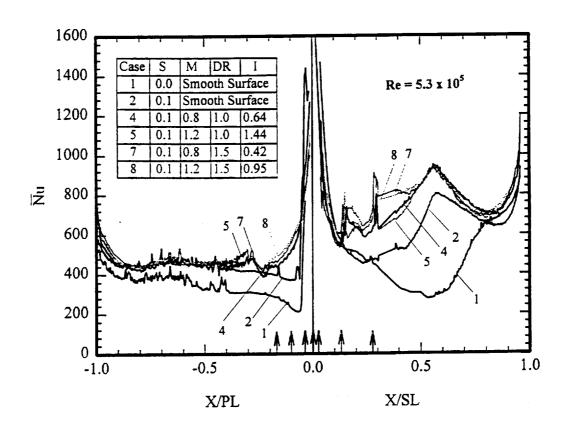


Fig.29 Effect of coolant density on spanwise-averaged Nusselt number distributions at S=0.1 (Experiment setup 2)

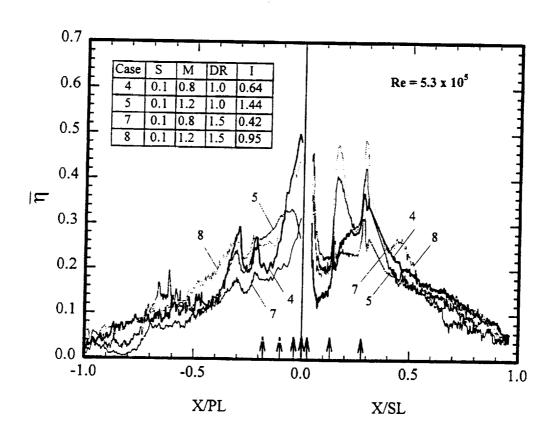


Fig.30 Effect of coolant density on spanwise-averaged film cooling effectiveness distributions at S=0.1 (Experiment setup 2)

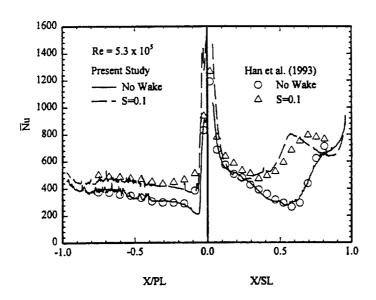


Fig.31(a) Effect of unsteady wake on spanwiseaveraged Nusselt number for Re=5.3×10⁵ (Experiment setup 3, with smooth-surface turbine blade)

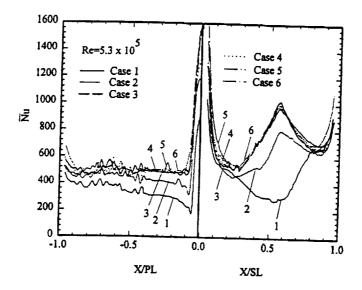


Fig.31(b) Combined effect of unsteady wake, freestream turbulence and coolant ejection on spanwise-averaged Nusselt number for Re=5.3×10⁵ (Experiment setup 3, with smooth-surface turbine blade)

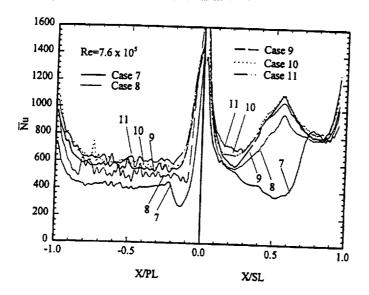


Fig.31(c) Combined effect of unsteady wake, freestream turbulence and coolant ejection on spanwise-averaged Nusselt number for Re=7.6×10⁵ (Experiment setup 3, with smooth-surface turbine blade)

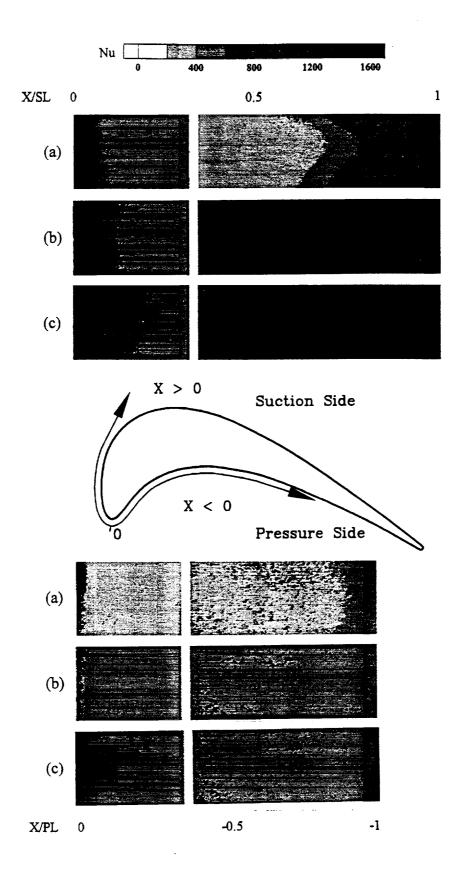


Fig.32 Detailed Nusselt number distributions for Re=5.3×10⁵: (a) Case 1, (b) Case 3, (c) Case 5. (Experiment setup 3, with smooth-surface turbine blade)

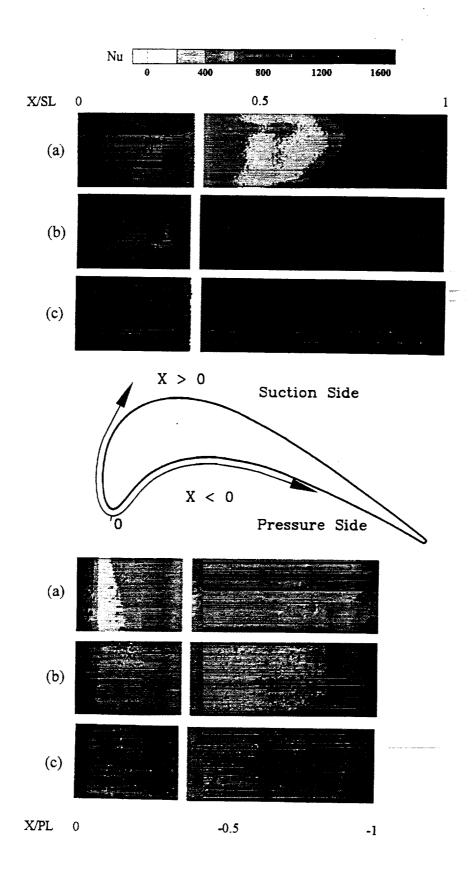


Fig.33 Detailed Nusselt number distributions for Re=7.6×10⁵: (a) Case 7, (b) Case 9, (c) Case 11. (Experiment setup 3, with smooth-surface turbine blade)

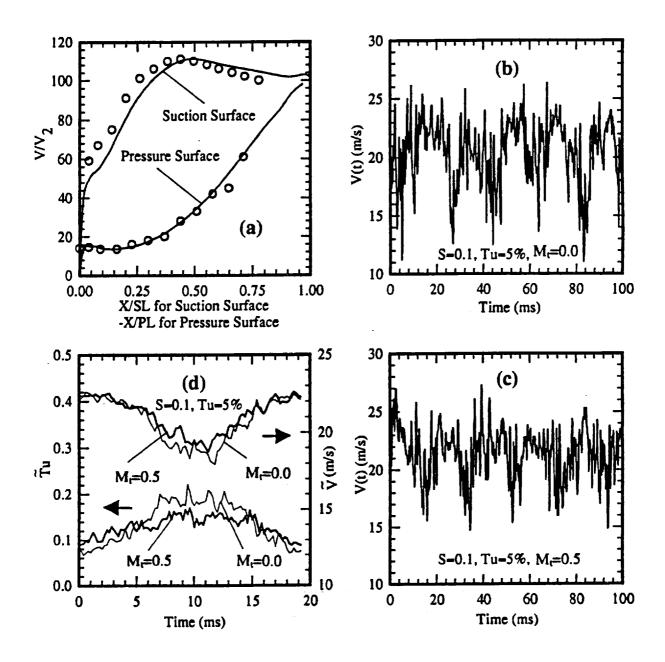


Fig.34 Local-to-exit velocity ratio (V/V₂) distributions on the test blade surface, profiles of instantaneous velocity, ensemble-averaged velocity and turbulence intensity (Experiment setup 3, with film-cooled turbine blade)

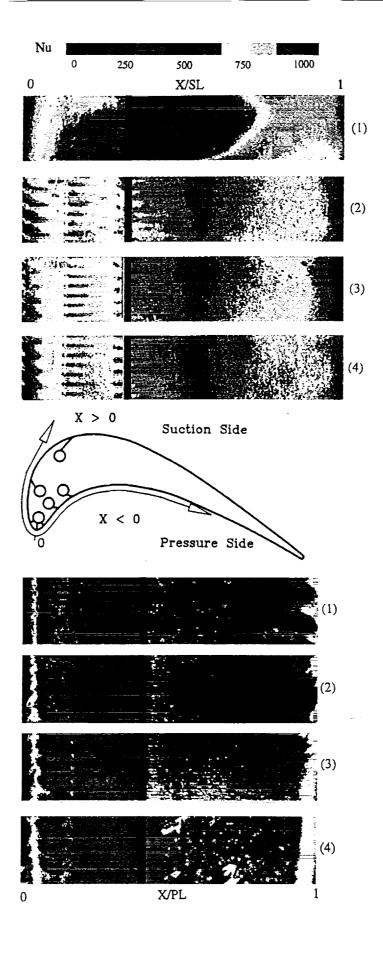


Fig.35 Detailed Nusselt number distributions for cases 1-4 (Experiment setup 3, with film-cooled turbine blade)

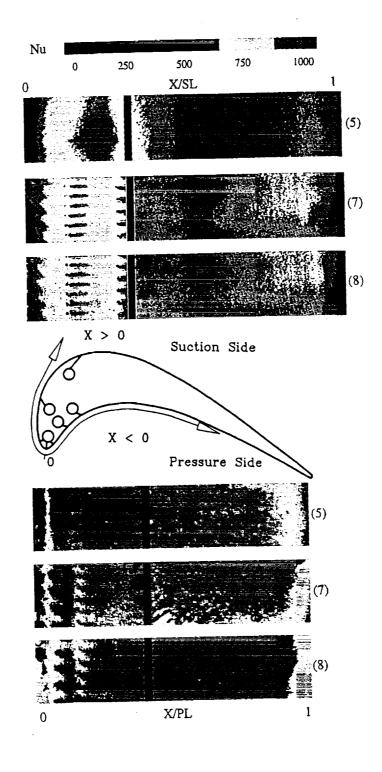


Fig.36 Detailed Nusselt number distributions for cases 5, 7 and 8 (Experiment setup 3, with film-cooled turbine blade)

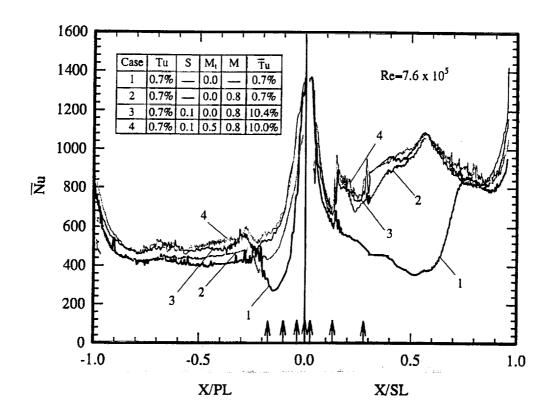


Fig.37(a) Spanwise-averaged Nusselt number distributions for cases 1-4 (Experiment setup 3, with film-cooled turbine blade)

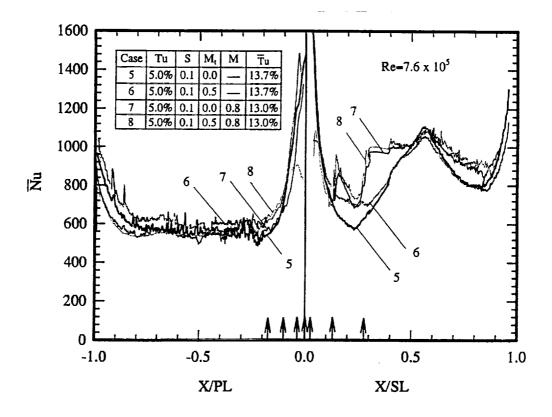


Fig.37(b) Spanwise-averaged Nusselt number distributions for cases 5-8 (Experiment setup 3, with film-cooled turbine blade)

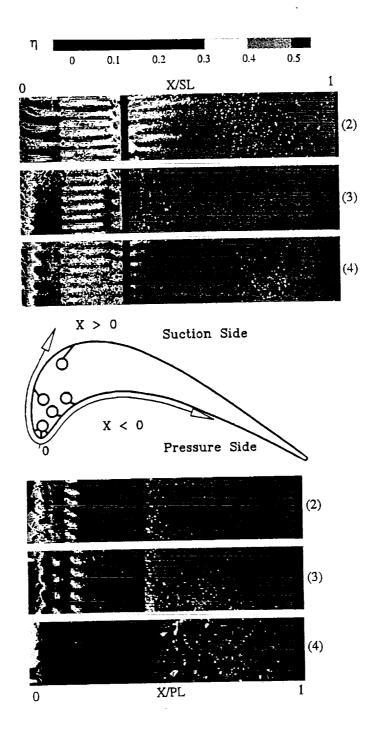


Fig.38 Detailed film effectiveness distributions for cases 2-4 (Experiment setup 3, with film-cooled turbine blade)

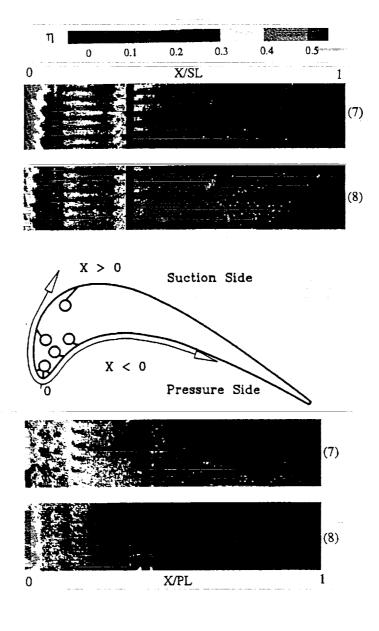


Fig.39 Detailed film effectiveness distributions for cases 7 and 8 (Experiment setup 3, with film-cooled turbine blade)

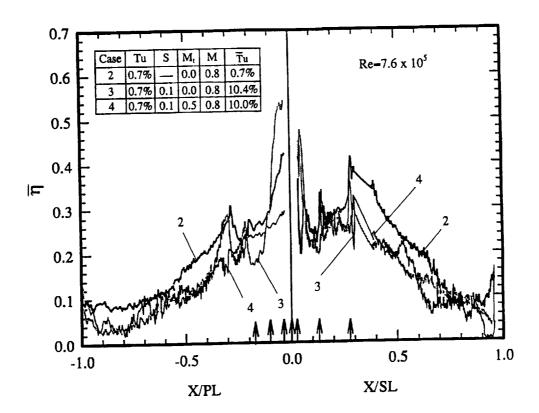


Fig.40(a) Spanwise-averaged film effectiveness distributions for cases 2-4 (Experiment setup 3, with film-cooled turbine blade)

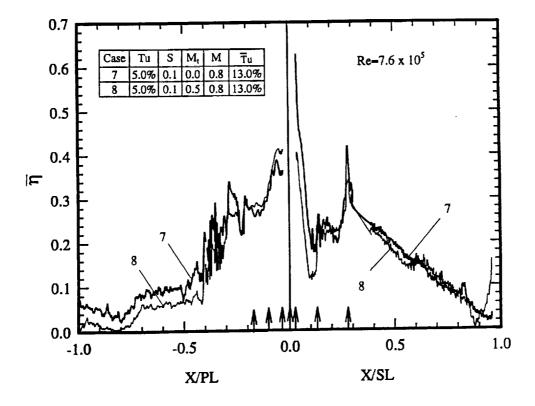


Fig.40(b) Spanwise-averaged film effectiveness distributions for cases 7-8 (Experiment setup 3, with film-cooled turbine blade)

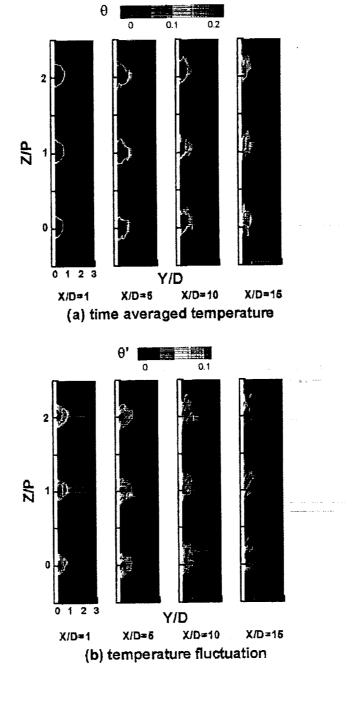


Fig.41 Film temperature field at different locations for the case of M=0.8 and without wake effect (S=0) (Experiment setup 4)

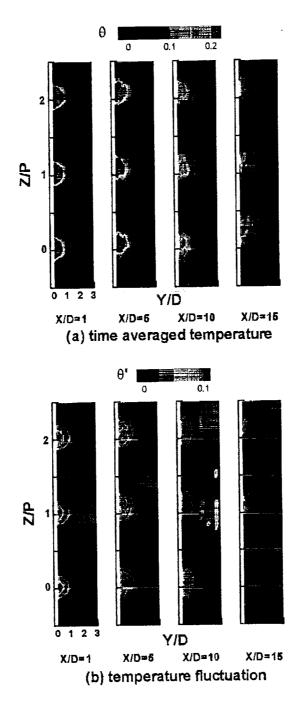
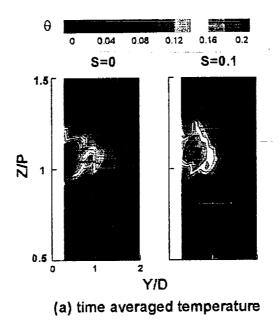


Fig.42 Film temperature field at different locations for the case of M=0.8 and with wake effect (S=0.1) (Experiment setup 4)



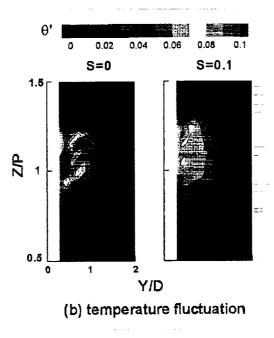
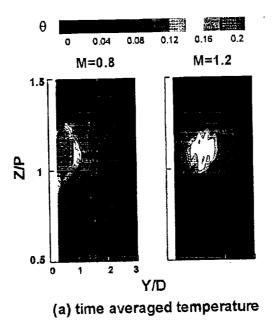


Fig.43 Detailed Film temperature contour at X/D=10 for the cases of M=0.8, without and with unsteady wake (Experiment setup 4)



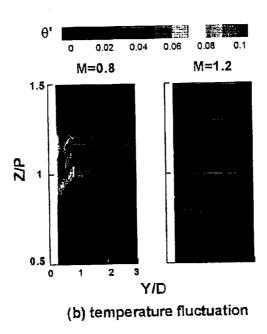


Fig.44 Effect of blowing ratio on film temperature field (S=0, X/D=10) (Experiment setup 4)

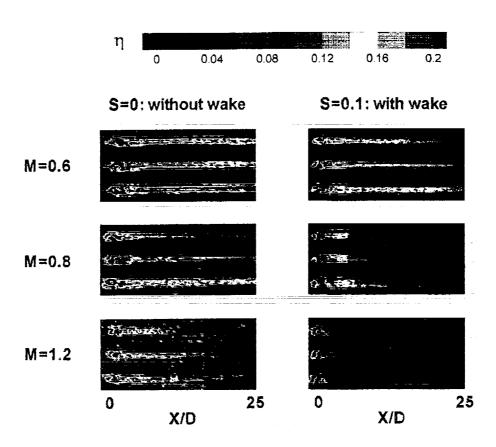
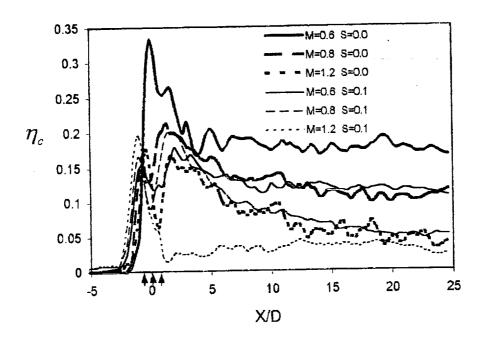


Fig. 45 Effect of unsteady wake and blowing ratio on detailed film cooling effectiveness distribution (Experiment setup 4)



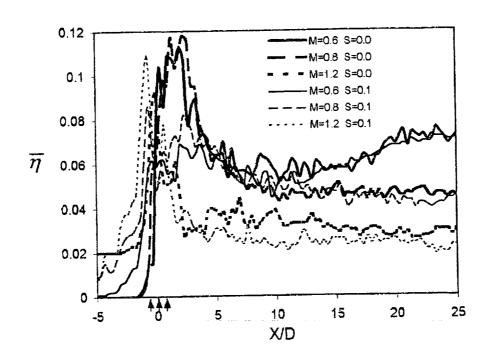


Fig.46 Film cooling effectiveness distribution (a) along film hole centerline (b) spanwise-averaged (Experiment setup 4)

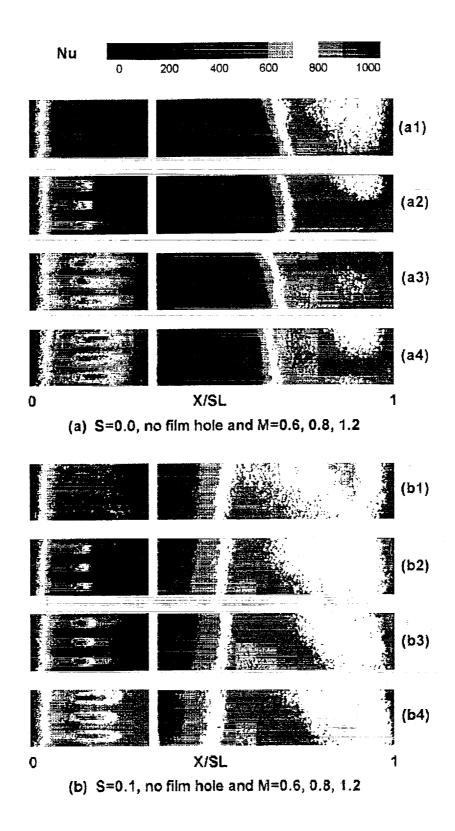


Fig.47 Detailed Nusselt number distribution for cases at different blowing ratios, with and without wake effect (Experiment setup 4)

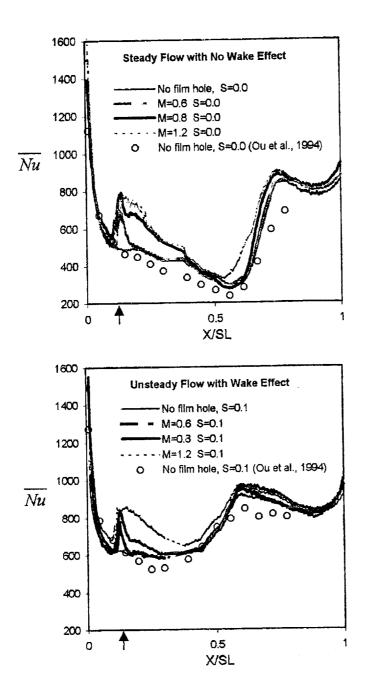


Fig.48 Spanwise-averaged Nusselt number distribution for (a)steady flow (b) unsteady flow with wake effect (Experiment setup 4)

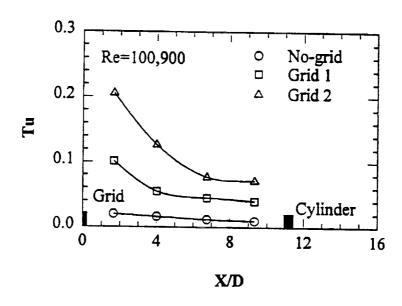


Fig.49 Streamwise turbulence distributions inside the test tunnel (Experiment setup 5)

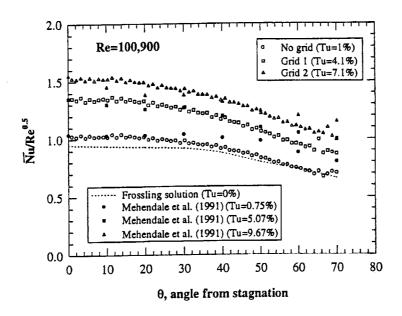


Fig. 50(a) Free-stream turbulence effects on spanwise-averaged Nu/Re^{0.5} distributions for a smooth surface (Experiment setup 5)

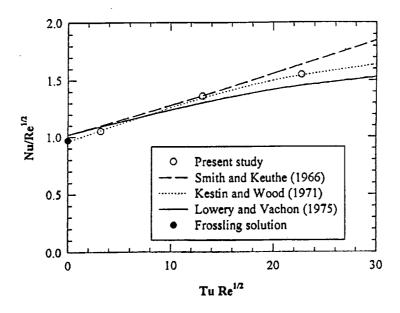


Fig. 50(b) Comparison of stagnation point heat transfer results with published correlations (Experiment setup 5)

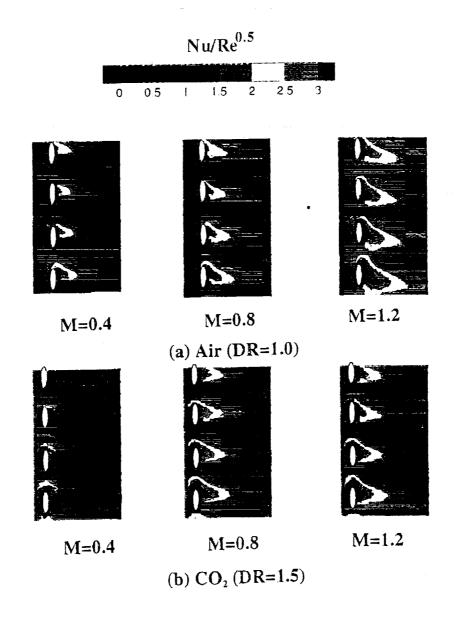


Fig.51 Effect of blowing ratio on detailed Nu/Re^{0.5} distributions for air and CO₂ injection (Experiment setup 5)

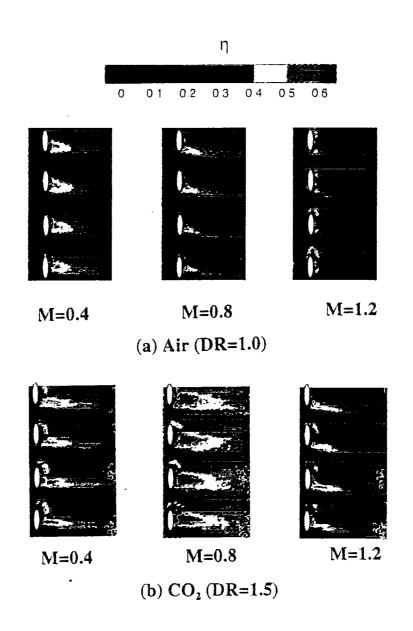


Fig.52 Effect of blowing ratio on detailed film effectiveness distributions for air and CO₂ injection (Experiment setup 5)

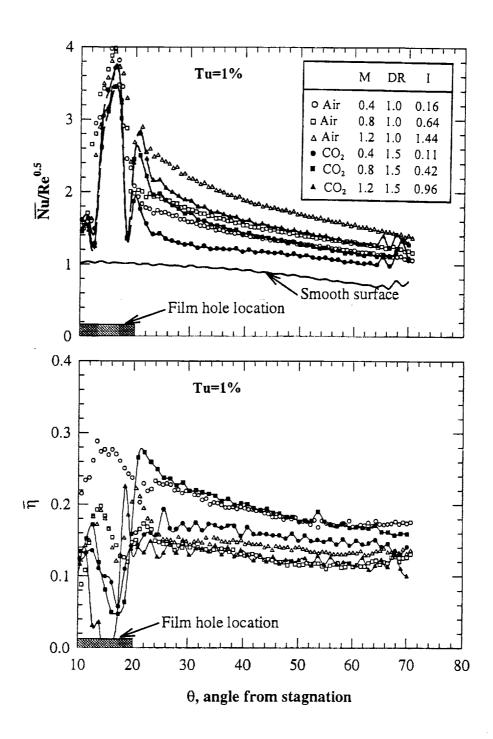


Fig.53 Effect of coolant blowing ratio and density ratio on spanwise-averaged Nu/Re^{0.5} and film effectiveness distributions (Experiment setup 5)

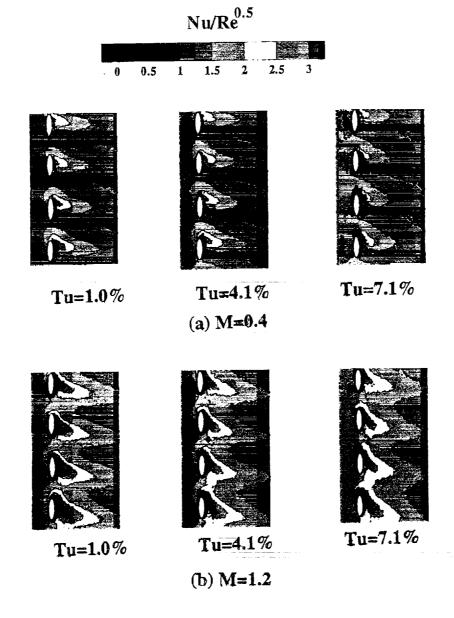


Fig.54 Effect of free-stream turbulence on detailed Nu/Re^{0.5} distributions for air injection (Experiment setup 5)

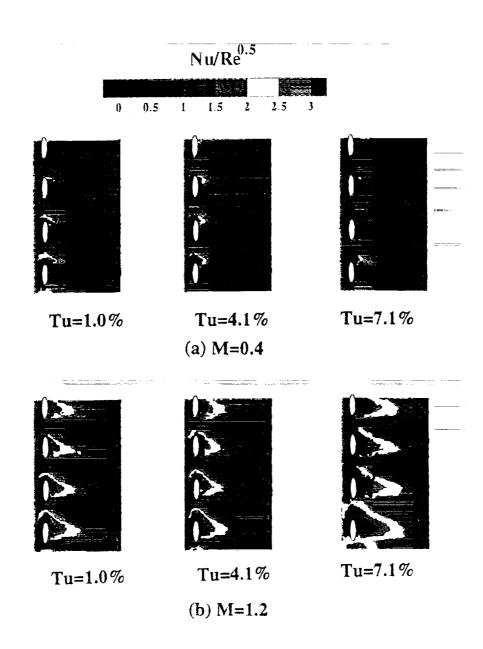


Fig.55 Effect of free-stream turbulence on detailed Nu/Re^{0.5} distributions for CO₂ injection (Experiment setup 5)

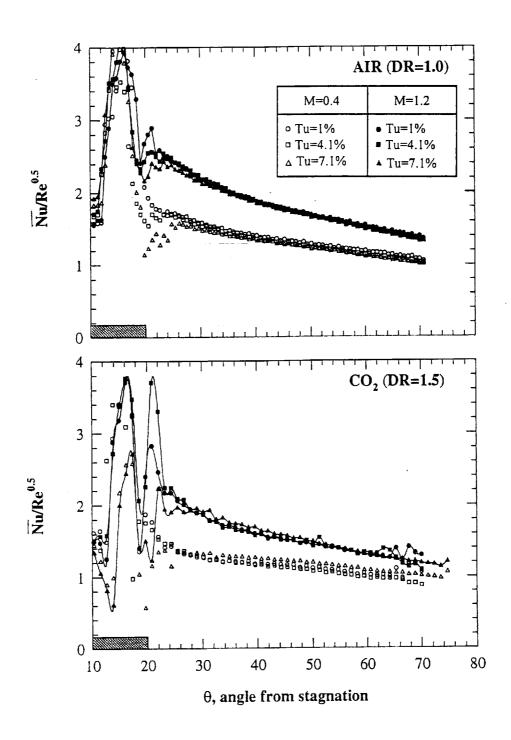


Fig. 56 Effect of free-stream turbulence on spanwise-averaged Nu/Re^{0.5} distributions for air and CO₂ injection (Experiment setup 5)

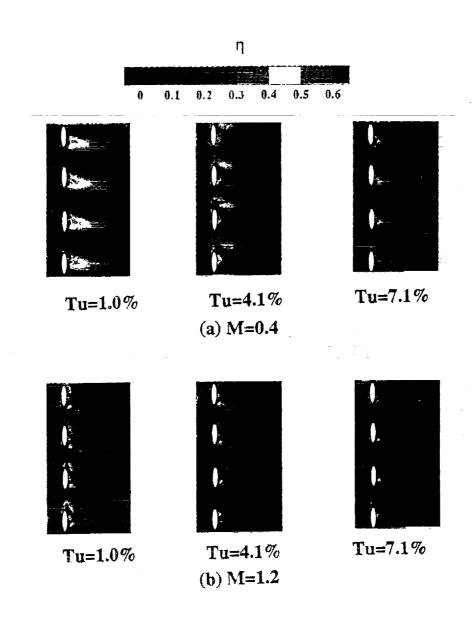


Fig.57 Effect of free-stream turbulence on detailed film effectiveness distributions for air injection (Experiment setup 5)

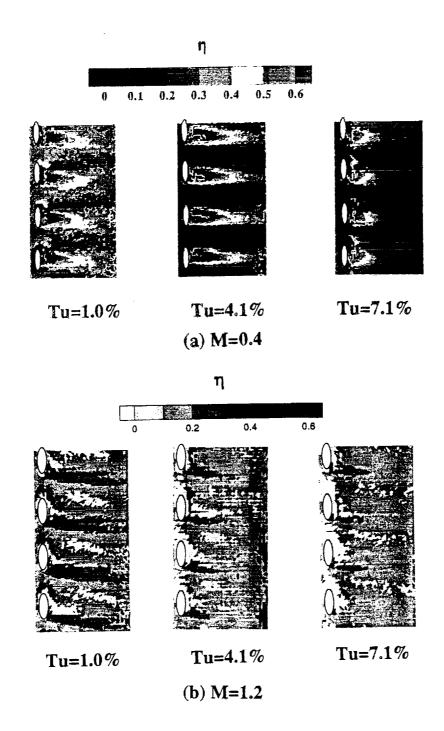


Fig.58 Effect of free-stream turbulence on detailed film effectiveness distributions for CO₂ injection (Experiment setup 5)

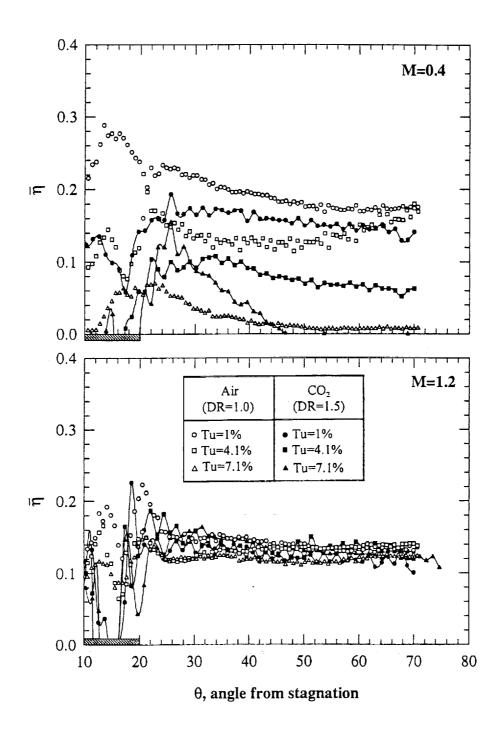


Fig.59 Effect of free-stream turbulence on spanwise-averaged film effectiveness distributions for air and CO₂ injection (Experiment setup 5)

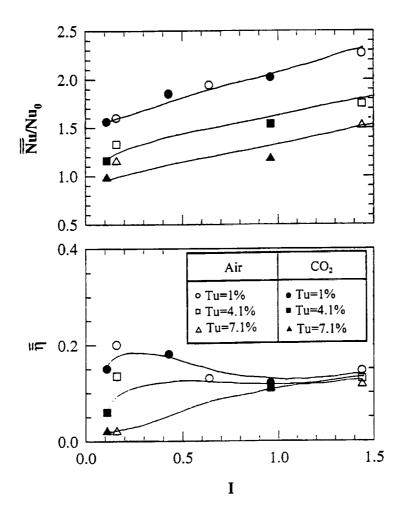
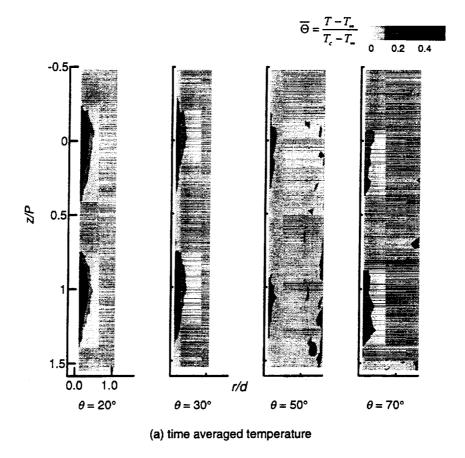


Fig. 60 Variation of spatially averaged Nusselt number ratio and film effectiveness with momentum flux ratio (Experiment setup 5)



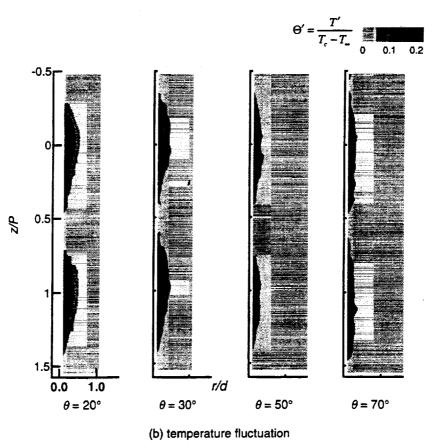
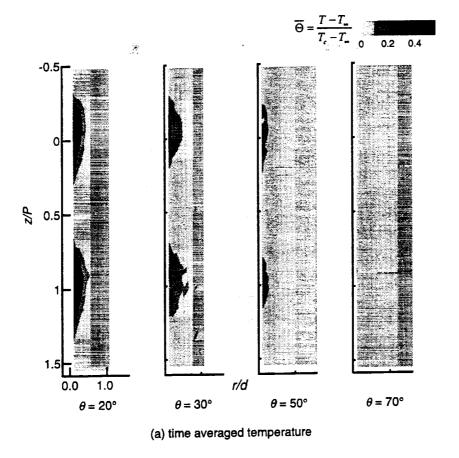


Fig.61 Film temperature distribution for M=0.4 and Tu=1.0% (Experiment setup 5)



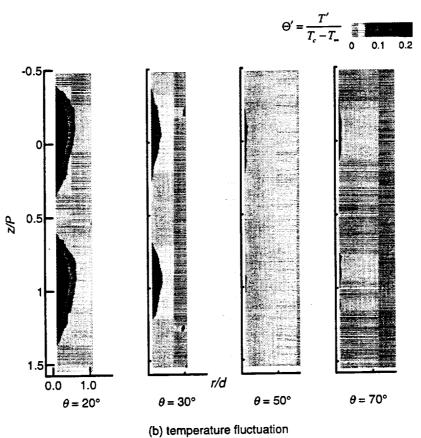
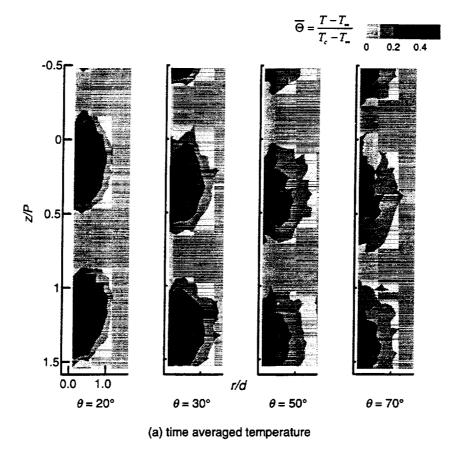


Fig.62 Film temperature distribution for M=0.4 and Tu=7.1% (Experiment setup 5)



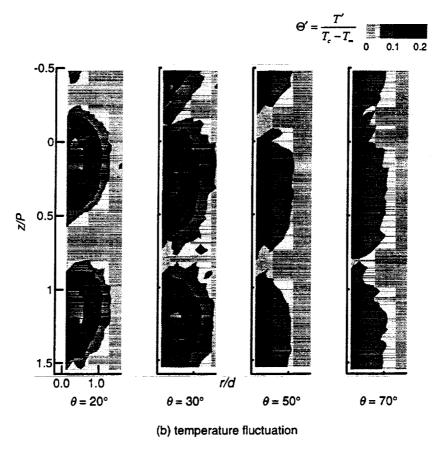
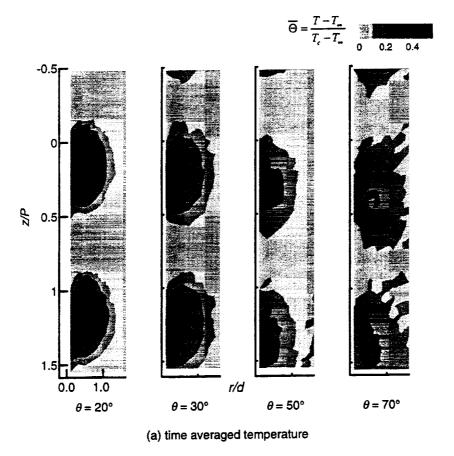


Fig.63 Film temperature distribution for M=1.2 and Tu=1.0% (Experiment setup 5)



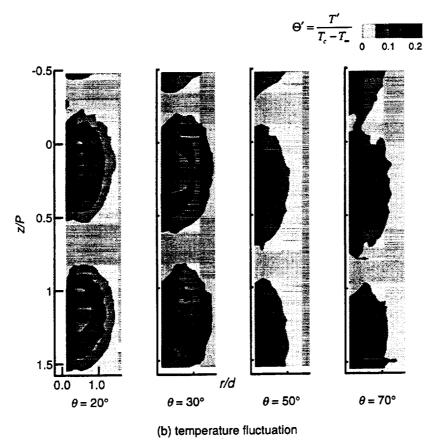


Fig.64 Film temperature distribution for M=1.2 and Tu=7.1% (Experiment setup 5)

7.2 Tabulated Spanwise-Averaged Data

Table 5. Flow Conditions for Heat Transfer/Film Effectiveness Measurement

Case No.	Re	Tu	S	M _t	Film	M	Tu
Α	5.3×10 ⁵	0.7%	No Wake	0.0			0.70%
В		0.7%	0.1	0.0			10.4%
С		5.0%	0.1	0.0			13.7%
D	1, 11,	5.0%	0.1	0.25			13.4%
Е		5.0%	0.1	0.50			13.0%
F	-	5.0%	0.1	1.00			12.7%
G	7.6×10 ⁵	0.7%	No Wake	0.0			0.70%
Н		0.7%	0.1	0.0			10.4%
I		5.0%	0.1	0.0			13.7%
J	-	5.0%	0.1	0.25			13.4%
K		5.0%	0.1	0.50			13.0%
L	5.3×10 ⁵	0.7%	No Wake	0.0	Air	0.8	0.70%
М	·	0.7%	No Wake	0.0	Air	1.2	0.70%
N		0.7%	No Wake	0.0	CO ₂	0.4	10.4%
0		0.7%	No Wake	0.0	CO ₂	0.8	10.4%
P		0.7%	No Wake	0.0	CO ₂	1.2	10.4%
Q	7.6×10 ⁵	0.7%	No Wake	0.0	Air	0.8	0.70%
R	5.3×10 ⁵	0.7%	0.1	0.0	Air	0.8	10.4%
S		0.7%	0.1	0.0	Air	1.2	10.4%
Т		0.7%	0.1	0.0	CO ₂	0.4	10.4%
U		0.7%	0.1	0.0	CO ₂	0.8	10.4%
V		0.7%	0.1	0.0	CO ₂	1.2	10.4%
W	7.6×10 ⁵	0.7%	0.1	0.0	Air	0.8	10.4%
X		0.7%	0.1	0.50	Air	0.8	13.0%
Y		5.0%	0.1	0.0	Air	0.8	13.7%
Z		5.0%	0.1	0.50	Air	0.8	13.0%

Name	CASE A - Nu	0.1696 0.1716	520.64 519.59	0.4284 0.4316	318.10 315.54	0.6247 0.6269	318.86 318.84	0.7724 0.7746	607.35 610.74	0.9201 0.9222	753.90 756.33	-0.1849 -0.1884	289.61 291.18
1015.00 101797 1516.76 0.4412 312.00 0.8334 326.85 0.7811 561.85 0.9288 772.80 0.1990 294.57	X/SL Nu			-	315.03	0.6289	320.06			-		-	
100044 1012-2 1017													
0.0646 96.58 0.1836 17.74 0.4508 0.6508 0.4271 348.57 0.786 631.19 0.9331 780.94 0.2096 299.56 0.0849 392.18 0.1857 512.29 0.4540 305.68 0.4421 344.87 0.7898 632.60 0.9333 780.98 0.2095 299.56 0.0859 392.18 0.1857 512.29 0.4540 305.68 0.4421 344.87 0.7898 632.60 0.9374 800.86 0.2190 299.56 0.00504 96.10 0.1857 512.29 0.4540 305.79 0.4434 343.35 0.7991 649.72 0.9398 804.01 0.2166 299.44 0.00505 885.30 0.1988 513.20 0.4087 305.41 0.4444 351.31 0.7941 65.20 0.9418 809.99 0.2201 393.01 0.0056 839.72 0.1918 513.09 0.5003 304.50 0.6508 385.73 0.7948 657.44 0.4444 817.02 0.2233 301.51 0.0056 839.72 0.1918 513.09 0.5003 301.45 0.6508 385.73 0.7948 657.44 0.4444 817.02 0.2233 301.51 0.0056 839.72 0.1918 513.09 0.5003 804.25 0.4868 385.35 0.7948 661.04 0.4444 817.02 0.2233 301.51 0.0056 839.72 0.1918 513.09 0.5003 80.42 0.4508 82.21 0.0056 830.74 0.1918 514.77 0.1918 80.0056 835.73 0.1918 80.00 0.0056 830.74 0.1918 80.0056 830.74 0.1918 80.0056 830.74 0.1918 80.0056 830.74 0.1918 80.0056 830.74 0.1918 80.0056 83.0056 830.74 0.1918 80.0056 83.0056 83.0056 83.0056 83.0056 83.0056 830.74 0.1918 80.0056 83.													
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Colore		0.1857											
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0.0525 839.24 01938 513.36 0.5931 301.46 0.6508 365.70 0.7985 661.91 0.461 821.26 0.2271 301.61 0.0525 81.05 0.0526 73.0526 73.0526 73.0526 73.0526 73.0526 73.05													301.50
D.0655 818.96 0.1968 513.26 0.5053 298.85 0.6529 395.27 0.8006 6633.44 0.9505 384.94 0.12347 301.71							356.70	0.7985	661.91				
0.0626 772-97 0.1099	0.0585 818.96	0.1958	513.26										
0.0646 755.79 2.2019 511.41 0.5118 292.56 0.4595 377.38 0.8071 603.75 0.9548 862.15 0.2412 302.86 0.0666 745.04 0.2029 508.81 0.5161 288.85 0.6463 382.03 382.03 8115 651.59 0.9592 886.14 0.2483 303.43 0.0767 670.77 0.2100 505.93 0.5205 284.10 0.6593 397.75 0.8186 653.21 277.40 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00													
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0.4290 337.00							0.0616	1017.66	0.1933	479.93	0.4347	525.81	0.5858	800.83
-0.4099 337.00	-0.4179	355.33	-0.6213	376.21	-0.8247	380.80	0.0635	982.72	0.1953	479.33	0.4370	530.92	0.5881	795.61
	-0.4209	337.00	-0.6243	398.95	-0.8277	364.36	0.0654	950.28						
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-0.5495 346.92 -0.7529 378.25 -0.9563 461.72 0.1488 531.48 0.3836 523.76 0.5347 730.89 0.6858 728.95 -0.5525 348.52 -0.7560 379.18 -0.9593 471.44 0.1507 527.43 0.3859 550.33 0.5370 738.20 0.6881 726.79 -0.5555 344.22 -0.7589 382.54 -0.9623 472.20 0.1526 523.17 0.3881 549.58 0.5392 738.31 0.6903 723.01 -0.5586 342.69 -0.7619 391.44 -0.9653 454.04 0.1546 521.95 0.3903 541.44 0.5414 745.96 0.6925 727.24 -0.5615 360.68 -0.7649 377.07 -0.9683 456.69 0.1565 518.47 0.3925 530.83 0.5436 756.81 0.6947 722.09 -0.5645 371.88 -0.7679 407.61 -0.9713 462.45 0.1585 513.95 0.3947 524.40 0.5459 763.62 0.6970 720.05 -0.5704 369.90 -0.7739 408.76 -0.5704 385.55 -0.7798 386.85 -0.5794 385.79 -0.7828 388.80 -0.5794 385.79 -0.7828 388.80 -0.5824 405.52 -0.7858 376.27 0.0383 1468.56 0.1662 503.66 0.4036 523.18 0.5547 786.15 0.7058 715.09 -0.5854 400.76 -0.7888 372.51 0.0403 1427.25 0.1720 499.33 0.4103 524.76 0.5614 791.12 0.7125 718.77 -0.5884 371.70 -0.7919 384.03 0.0422 1367.71 0.1740 497.67 0.4125 526.24 0.5636 792.63 0.7107 707.69 -0.5974 378.23 -0.8008 380.69 0.0441 1281.43 0.1778 513.63 0.4170 529.27 0.5681 799.09 0.7192 707.70 -0.5974 378.23 -0.8008 379.49 0.0499 1211.37 0.1817 492.07 0.4245 523.18 0.4255 50.5725 801.43 0.7236 706.89 -0.6003 382.29 -0.8088 374.43 0.0538 1134.56 0.1856 490.46 0.4259 523.85 0.5770 801.14 0.7281 699.91			-0.7499	398.36	-0.9533	434.44	0.1468	536.60	0.3069	489.87	0.5325	721.73	0.6836	729.34
-0.5525 348.52 -0.7560 379.18 -0.9593 471.44 0.1507 527.43 0.3859 550.33 0.5370 738.20 0.6881 726.79 -0.5555 344.22 -0.7589 382.54 -0.9623 472.20 0.1526 523.17 0.3881 549.58 0.5392 738.31 0.6903 723.01 -0.5586 342.69 -0.7619 391.44 -0.9653 454.04 0.1546 521.95 0.3903 541.44 0.5414 745.96 0.6925 727.24 -0.5615 360.68 -0.7649 377.07 -0.9683 456.69 0.1565 518.47 0.3925 530.83 0.5436 756.81 0.6947 722.09 -0.5645 371.88 -0.7679 407.61 -0.9713 462.45 0.1565 513.95 0.3947 524.40 0.5415 763.93 0.6992 723.45 -0.5704 369.90 -0.7739 408.76 -0.5734 390.72 -0.7768 398.82	-0.5495	346.92	-0.7529	378.25	-0.9563	461.72	0.1488	531.48	0.3836	523.76				
-0.5555 344.22 -0.7589 382.54 -0.9623 472.20 0.1526 523.17 0.3881 549.58 0.5392 738.31 0.6903 723.01 -0.5586 342.69 -0.7619 391.44 -0.9653 454.04 0.1546 521.95 0.3903 541.44 0.5414 745.96 0.6925 727.24 -0.5615 360.68 -0.7649 377.07 -0.9683 456.69 0.1565 518.47 0.3925 530.83 0.5436 756.81 0.6947 722.09 -0.5645 371.88 -0.7679 407.61 -0.9713 462.45 0.1585 513.95 0.3947 524.40 0.5459 763.62 0.6970 720.05 -0.5674 373.84 -0.7709 414.23														
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-0.5645 371.88 -0.7679 407.61 -0.9713 462.45 0.1585 513.95 0.3947 524.40 0.5459 763.62 0.6970 720.05 -0.5674 373.84 -0.7709 414.23 0.1604 512.36 0.3970 520.53 0.5481 763.93 0.6992 723.45 -0.5704 369.90 -0.7739 408.76 0.1623 510.24 0.3992 520.05 0.5503 770.77 0.7014 719.60 -0.5734 390.72 -0.7768 398.82 CASE B - Nu														
-0.5674 373.84 -0.7709 414.23														
-0.56674 373.84 -0.7709 414.23		371.88		407.61	-0.9713	462.45	0.1585	513.95	0.3947	524.40	0.5459	763.62	0.6970	720.05
-0.5704 369.90 -0.7739 408.76	-0.5674	373.84	-0.7709	414.23			0.1604	512.36	0.3970	520.53			0.6992	
-0.5734 390.72 -0.7768 398.82 CASE B - Nu 0.1643 507.96 0.4014 521.11 0.5525 778.10 0.7036 714.49 -0.5764 385.55 -0.7798 360.55 0.1662 503.66 0.4036 523.18 0.5547 786.15 0.7058 715.09 -0.5794 385.79 -0.7828 388.80 X/SL Nu 0.1682 501.74 0.4059 532.12 0.5570 785.88 0.7081 715.68 -0.5824 405.52 -0.7858 376.27 0.0383 1468.56 0.1701 500.67 0.4081 527.13 0.5592 790.43 0.7103 720.47 -0.5854 400.76 -0.7888 372.51 0.0403 1427.25 0.1720 499.33 0.4103 524.76 0.5614 791.12 0.7125 718.77 -0.5884 371.70 -0.7919 384.03 0.0422 1367.71 0.1740 497.67 0.4125 526.24 0.5636 792.63 0.7147 712.54 -0.5914 347.76 -0.7948 385.25 0.0441 1317.00 0.1759 497.51 0.4147 527.66 0.5658 794.26 0.7170 707.69 -0.5945 350.65 -0.7978 368.45 0.0461 1281.43 0.1778 513.63 0.4170 529.27 0.5681 799.09 0.7192 707.70 -0.5974 378.23 -0.8008 380.69 0.0480 1244.83 0.1798 493.35 0.4192 526.22 0.5703 805.38 0.7214 706.56 -0.6003 403.37 -0.8038 379.49 0.0499 1211.37 0.1817 492.07 0.4214 526.53 0.5725 801.43 0.7236 706.89 -0.6033 382.29 -0.8088 374.43 0.0538 1134.56 0.1856 490.46 0.4259 523.85 0.5770 801.14 0.7281 699.91	-0.5704		-0.7739											
-0.5764 385.55 -0.7798 360.55 0.1662 503.66 0.4036 523.18 0.5547 786.15 0.7058 715.09 -0.5794 385.79 -0.7828 388.80 X/SL Nu 0.1682 501.74 0.4059 532.12 0.5570 785.88 0.7081 715.68 -0.5824 405.52 -0.7858 376.27 0.0383 1468.56 0.1701 500.67 0.4081 527.13 0.5592 790.43 0.7103 720.47 -0.5854 400.76 -0.7888 372.51 0.0403 1427.25 0.1720 499.33 0.4103 524.76 0.5614 791.12 0.7125 718.77 -0.5884 371.70 -0.7919 384.03 0.0422 1367.71 0.1740 497.67 0.4125 526.24 0.5636 792.63 0.7147 712.54 -0.5914 347.76 -0.7948 385.25 0.0441 1317.00 0.1778 513.63 0.4170 529.27 0.5681 799.09 <t< td=""><td></td><td></td><td></td><td></td><td>CASE B</td><td> Nu</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>					CASE B	Nu								
-0.5794 385.79 -0.7828 388.80 X/\$L Nu 0.1682 501.74 0.4059 532.12 0.5570 785.88 0.7081 715.68 -0.5824 405.52 -0.7858 376.27 0.0383 1468.56 0.1701 500.67 0.4081 527.13 0.5592 790.43 0.7103 720.47 -0.5854 400.76 -0.7888 372.51 0.0403 1427.25 0.1720 499.33 0.4103 524.76 0.5614 791.12 0.7125 718.77 -0.5884 371.70 -0.7919 384.03 0.0422 1367.71 0.1740 497.67 0.4125 526.24 0.5636 792.63 0.7147 712.54 -0.5914 347.76 -0.7948 385.25 0.0441 1317.00 0.1759 497.51 0.4147 527.66 0.5658 794.26 0.7170 707.69 -0.5974 378.23 -0.8008 380.69 0.0480 1244.83 0.1798 493.35 0.4170 529.27 <					<u> </u>	- 110								
-0.5824 405.52 -0.7858 376.27 0.0383 1468.56 0.1701 500.67 0.4081 527.13 0.5592 790.43 0.7103 720.47 -0.5854 400.76 -0.7888 372.51 0.0403 1427.25 0.1720 499.33 0.4103 524.76 0.5614 791.12 0.7125 718.77 -0.5884 371.70 -0.7919 384.03 0.0422 1367.71 0.1740 497.67 0.4125 526.24 0.5636 792.63 0.7147 712.54 -0.5914 347.76 -0.7948 385.25 0.0441 1317.00 0.1759 497.51 0.4147 527.66 0.5658 794.26 0.7170 707.69 -0.5945 350.65 -0.7978 368.45 0.0461 1281.43 0.1778 513.63 0.4170 529.27 0.5681 799.09 0.7192 707.70 -0.5974 378.23 -0.8008 380.69 0.0480 1244.83 0.1798 493.35 0.4192 526.22					V /A-									
-0.5854 400.76 -0.7888 372.51 0.0403 1427.25 0.1720 499.33 0.4103 524.76 0.5614 791.12 0.7125 718.77 -0.5884 371.70 -0.7919 384.03 0.0422 1367.71 0.1740 497.67 0.4125 526.24 0.5636 792.63 0.7147 712.54 -0.5914 347.76 -0.7948 385.25 0.0441 1317.00 0.1759 497.51 0.4147 527.66 0.5658 794.26 0.7170 707.69 -0.5945 350.65 -0.7978 368.45 0.0461 1281.43 0.1778 513.63 0.4170 529.27 0.5681 799.09 0.7192 707.70 -0.5974 378.23 -0.8008 380.69 0.0480 1244.83 0.1798 493.35 0.4192 526.22 0.5703 805.38 0.7214 706.56 -0.6003 403.37 -0.8038 379.49 0.0499 1211.37 0.1817 492.07 0.4214 526.53														
-0.5854 400.76 -0.7888 372.51 0.0403 1427.25 0.1720 499.33 0.4103 524.76 0.5614 791.12 0.7125 718.77 -0.5884 371.70 -0.7919 384.03 0.0422 1367.71 0.1740 497.67 0.4125 526.24 0.5636 792.63 0.7147 712.54 -0.5914 347.76 -0.7948 385.25 0.0441 1317.00 0.1759 497.51 0.4147 527.66 0.5658 794.26 0.7170 707.69 -0.5945 350.65 -0.7978 368.45 0.0461 1281.43 0.1778 513.63 0.4170 529.27 0.5681 799.09 0.7192 707.70 -0.5974 378.23 -0.8008 380.69 0.0480 1244.83 0.1798 493.35 0.4192 526.22 0.5703 805.38 0.7214 706.56 -0.6003 403.37 -0.8038 379.49 0.0499 1211.37 0.1817 492.07 0.4214 526.53			-0.7858	376.27	0.0383	1468.56	0.1701	500.67	0.4081	527.13	0.5592	790.43	0.7103	720.47
-0.5884 371.70 -0.7919 384.03 0.0422 1367.71 0.1740 497.67 0.4125 526.24 0.5636 792.63 0.7147 712.54 -0.5914 347.76 -0.7948 385.25 0.0441 1317.00 0.1759 497.51 0.4147 527.66 0.5658 794.26 0.7170 707.69 -0.5945 350.65 -0.7978 368.45 0.0461 1281.43 0.1778 513.63 0.4170 529.27 0.5681 799.09 0.7192 707.70 -0.5974 378.23 -0.8008 380.69 0.0480 1244.83 0.1798 493.35 0.4192 526.22 0.5703 805.38 0.7214 706.56 -0.6003 403.37 -0.8038 379.49 0.0499 1211.37 0.1817 492.07 0.4214 526.53 0.5725 801.43 0.7236 706.89 -0.6033 386.20 -0.8068 372.50 0.0519 1170.95 0.1837 491.18 0.4236 523.12	-0.5854	400.76					0.1720							
-0.5914 347.76 -0.7948 385.25 0.0441 1317.00 0.1759 497.51 0.4147 527.66 0.5658 794.26 0.7170 707.69 -0.5945 350.65 -0.7978 368.45 0.0461 1281.43 0.1778 513.63 0.4170 529.27 0.5681 799.09 0.7192 707.70 -0.5974 378.23 -0.8008 380.69 0.0480 1244.83 0.1798 493.35 0.4192 526.22 0.5703 805.38 0.7214 706.56 -0.6003 403.37 -0.8038 379.49 0.0499 1211.37 0.1817 492.07 0.4214 526.53 0.5725 801.43 0.7236 706.89 -0.6033 386.20 -0.8068 372.50 0.0519 1170.95 0.1837 491.18 0.4236 523.12 0.5747 800.26 0.7258 702.45 -0.6063 382.29 -0.8098 374.43 0.0538 1134.56 0.1856 490.46 0.4259 523.85 0.5770 801.14 0.7281 699.91														
-0.5945 350.65 -0.7978 368.45 0.0461 1281.43 0.1778 513.63 0.4170 529.27 0.5681 799.09 0.7192 707.70 -0.5974 378.23 -0.8008 380.69 0.0480 1244.83 0.1798 493.35 0.4192 526.22 0.5703 805.38 0.7214 706.56 -0.6003 403.37 -0.8038 379.49 0.0499 1211.37 0.1817 492.07 0.4214 526.53 0.5725 801.43 0.7236 706.89 -0.6033 386.20 -0.8068 372.50 0.0519 1170.95 0.1837 491.18 0.4236 523.12 0.5747 800.26 0.7258 702.45 -0.6063 382.29 -0.8098 374.43 0.0538 1134.56 0.1856 490.46 0.4259 523.85 0.5770 801.14 0.7281 699.91														
-0.5974 378.23 -0.8008 380.69 0.0480 1244.83 0.1798 493.35 0.4192 526.22 0.5703 805.38 0.7214 706.56 -0.6003 403.37 -0.8038 379.49 0.0499 1211.37 0.1817 492.07 0.4214 526.53 0.5725 801.43 0.7236 706.89 -0.6033 386.20 -0.8068 372.50 0.0519 1170.95 0.1837 491.18 0.4236 523.12 0.5747 800.26 0.7258 702.45 -0.6063 382.29 -0.8098 374.43 0.0538 1134.56 0.1856 490.46 0.4259 523.85 0.5770 801.14 0.7281 699.91														
-0.6003 403.37 -0.8038 379.49 0.0499 1211.37 0.1817 492.07 0.4214 526.53 0.5725 801.43 0.7236 706.89 -0.6033 386.20 -0.8068 372.50 0.0519 1170.95 0.1837 491.18 0.4236 523.12 0.5747 800.26 0.7258 702.45 -0.6063 382.29 -0.8098 374.43 0.0538 1134.56 0.1856 490.46 0.4259 523.85 0.5770 801.14 0.7281 699.91														
-0.6003 403.37 -0.8038 379.49 0.0499 1211.37 0.1817 492.07 0.4214 526.53 0.5725 801.43 0.7236 706.89 -0.6033 386.20 -0.8068 372.50 0.0519 1170.95 0.1837 491.18 0.4236 523.12 0.5747 800.26 0.7258 702.45 -0.6063 382.29 -0.8098 374.43 0.0538 1134.56 0.1856 490.46 0.4259 523.85 0.5770 801.14 0.7281 699.91												805.38	0.7214	706.56
-0.6033 386.20 -0.8068 372.50 0.0519 1170.95 0.1837 491.18 0.4236 523.12 0.5747 800.26 0.7258 702.45 -0.6063 382.29 -0.8098 374.43 0.0538 1134.56 0.1856 490.46 0.4259 523.85 0.5770 801.14 0.7281 699.91			-0.8038	379.49	0.0499	1211.37	0.1817	492.07	0.4214	526.53			0.7236	706.89
-0.6063 382.29 -0.8098 374.43 0.0538 1134.56 0.1856 490.46 0.4259 523.85 0.5770 801.14 0.7281 699.91	-0.6033		-0.8068	372.50										
0.0070 07500 0.0127 000.02 0.0000 1107.00 0.1070 407.00 0.4201 024.00 0.0792 001.80 0.7303 /00.72														
	3.0070	574.00	0.0127	JOU.UZ	0.000	1107.00	0.10/0	407.00	0.4201	024.00	0.0/92	001.00	0./303	/00./2

0.7005	700.07	0.0024	4 A7 E7	0.1900	398.90	-0.4298	444.05	-0.6333	477.04	-0.8367	431.53	0.0713	824.48
0.7325	700.27	0.8836	647.57	-0.1800								0.0732	789.78
0.7347	700.36	0.8858	652.00	-0.1839	398.45	-0.4328	393.32	-0.6362	475.64	-0.8397	438.45		
0.7370	694.87	0.8881	649.79	-0.1877	401.48	-0.4358	430.90	-0.6392	492.70	-0.8427	446.77	0.0751	773.79
	-		648.70	-0.1916	402.73	-0.4388	456.85	-0.6422	462.68	-0.8457	441.78	0.0771	756.46
0.7392	687.31	0.8903						-0.6452	459.11	-0.8486	439.16	0.0790	741.04
0.7414	687.73	0.8925	657.05	-0.1955	403.05	-0.4418	470.74						
0.7436	688.01	0.8947	662.17	-0.1994	401.78	-0.4448	478.51	-0.6482	467.02	-0.8516	442.06	0.0810	729.07
	688.77	0.8969	662.50	-0.2033	402.70	-0.4478	471.13	-0.6512	485.72	-0.8546	448.99	0.0829	721.70
0.7458									468.70	-0.8576	454.11	0.0848	714.26
0.7481	683.24	0.8992	663.85	-0.2072	402.83	-0.4508	495.85	-0.6542					
0.7503	681.12	0.9014	669.46	-0.2111	404.46	-0.4538	460.07	-0.6572	465.90	-0.8606	454.00	8680.0	702.59
		0.9036	670.47	-0.2150	405.23	-0.4568	441.73	-0.6602	480.72	-0.8636	455.24	0.0887	694.30
0.7525	681.48						426.48	-0.6632	496.01	-0.8666	456.99	0.0906	699.59
0.7547	683.31	0.9058	675.43	-0.2188	407.48	-0.4597							
0.7570	682.99	0.9081	678.13	-0.2227	408.02	-0.4627	413.18	-0.6662	472.51	-0.8696	461.96	0.0926	680.91
0.7592	675.64	0.9103	683.93	-0.2266	408.17	-0.4657	437.14	-0.6692	468.72	-0.8726	447.42	0.0945	670.95
							448.74	-0.6721	458.91	-0.8756	443.69	0.0965	661.05
0.7614	674.17	0.9125	689.88	-0.2305	409.71	-0.4687					438.74	0.0984	652.44
0.7636	671.56	0.9147	692.04	-0.2344	411.04	-0.4717	435.25	-0.6751	456.31	-0.8786			
0.7658	669.84	0.9169	694.60	-0.2383	411.52	-0.4747	454.79	-0.6781	467.55	-0.8816	439.20	0.1003	646.89
				-0.2422	411.31	-0.4777	439.77	-0.6811	468.35	-0.8845	441.94	0.1023	636.59
0.7681	665.11	0.9192	700.70								448.99	0.1042	628.21
0.7703	664.16	0.9214	708.53	-0.2461	411.14	-0.4807	424.43	-0.6841	456.21	-0.8875			
0.7725	667.03	0.9236	711.39	-0.2499	413.51	-0.4837	429.65	-0.6871	456.37	-0.8905	441.94	0.1061	621.08
			721.67	-0.2538	413.45	-0.4867	439.94	-0.6901	462.01	-0.8935	443.87	0.1081	614.43
0.7747	665.54	0.9258							480.93	-0.8965	447.87	0.1100	609.36
0.7770	661.93	0.9281	730.04	-0.2577	414.82	-0.4897	437.98	-0.6931					605.83
0.7792	660.85	0.9303	731.20	-0.2616	414.91	-0.4927	441.40	-0.6961	480.99	-0.8995	449.11	0.1120	
	666.95	0.9325	746.70	-0.2655	417.07	-0.4956	461.61	-0.6991	534.08	-0.9025	447.56	0.1139	599.80
0.7814							460.70	-0.7021	503.14	-0.9055	448.14	0.1158	593.80
0.7836	663.70	0.9347	751.33	-0.2694	419.60	-0.4986							594.03
0.7858	662.02	0.9369	759.21	-0.2733	419.26	-0.5016	448.08	-0.7051	481.98	-0.9085	454.20	0.1178	
0.7881	658.98	0.9392	766.61	-0.2771	418.68	-0.5046	444.45	-0.7080	473.63	-0.9115	448.64	0.1197	589.52
		-			417.14	-0.5076	449.22	-0.7110	461.34	-0.9145	451.30	0.1216	588.51
0.7903	661.88	0.9414	781.85	-0.2810								0.1236	587.66
0.7925	661.86	0.9436	792.11	-0.2849	417.99	-0.5106	435.36	-0.7140	465.58	-0.9174	460.85		
0.7947	656.07	0.9458	802.40	-0.2888	419.47	-0.5136	455.47	-0.7170	463.35	-0.9204	462.82	0.1255	587.76
•			810.85	-0.2927	419.15	-0.5166	468.48	-0.7200	450.10	-0.9234	476.00	0.1275	582.66
0.7969	650.15	0.9481							454.64	-0.9264	471.11	0.1294	574.00
0.7992	651.05	0.9503	835.99	-0.2966	418.26	-0.5196	455.87	-0.7230					
0.8014	655.84	0.9525	856.53	-0.3005	418.68	-0.5226	448.38	-0.7260	459.32	-0.9294	464.81	0.1313	570.19
0.8036	651.63	0.9547	870.71	-0.3044	419.56	-0.5256	458.40	-0.7290	471.50	-0.9324	472.04	0.1333	569.68
						-0.5286	441.43	-0.7320	470.62	-0.9354	480.98	0.1352	567.63
0.8058	652.62	0.9569	891.76	-0.3082	418.22					-0.9384	484.64	0.1371	567.54
0.8081	648.57	0.9592	936.84	-0.3121	417.62	-0.5315	445.28	-0.7350	457.50				
0.8103	652.35			-0.3160	417.51	-0.5345	467.89	-0.7380	456.26	-0.9414	476.64	0.1391	566.54
		V/BI	NI	-0.3199	418.13	-0.5375	480.46	-0.7409	486.90	-0.9444	480.09	0.1410	565.88
0.8125	646.65	X/PL	Nu						509.37	-0.9474	485.50	0.1430	561.82
0.8147	645.82	-0.0026	1512.74	-0.3238	417.79	-0.5405	486.76	-0.7439					557.30
0.8169	649.72	-0.0090	1471.53	-0.3277	417.06	-0.5435	441.83	-0.7469	461.68	-0.9504	490.68	0.1449	
0.8192	651.80	-0.0153		-0.3316	415.98	-0.5465	450.42	-0.7499	465.13	-0.9533	494.96	0.1468	556.35
				-0.3355	418.22	-0.5495	452.98	-0.7529	463.58	-0.9563	499.81	0.1488	552.81
0.8214	646.64	-0.0217									503.11	0.1507	551.67
0.8236	640.19	-0.0280	1439.44	-0.3393	421.13	-0.5525	449.63	-0.7559	452.61	-0.9593			
0.8258	647.45	-0.0344	1389 49	-0.3432	419.51	-0.5555	469.74	-0.7589	451.09	-0.9623	510.30	0.1526	550.01
0.8281	654.63	-0.0408	917.84	-0.3471	420.35	-0.5585	492.92	-0.7619	458.10	-0.9653	514.28	0.1546	549.70
							449.68	-0.7649	448.55	-0.9683	517.88	0.1565	546.05
0.8303	644.65	-0.0471	865.38	-0.3510	422.70	-0.5615						0.1585	543.55
0.8325	643.14	-0.0535	626.77	-0.3549	419.52	-0.5645	459.00	-0.7679	442.85	-0.9713	523.21		
0.8347	636.15	-0.0598	375.67	-0.3588	423.27	-0.5674	450.31	-0.7709	443.22			0.1604	544.41
				-0.3627	427.00	-0.5704	452.97	-0.7739	433.23			0.1623	543.42
0.8369	634.96	-0.0662	435.87		427.87	-0.5734	443.61	-0.7768	436.76	CASE C	: - No	0.1643	539.14
0.8392	639.83	-0.0726	437.71	-0.3665						<u> </u>			538.20
0.8414	644.05	-0.0789	373.79	-0.3704	428.15	-0.5764	450.62	-0.7798	436.03			0.1662	
0.8436	640.02	-0.0853	372.25	-0.3743	427.05	-0.5794	456.17	-0.7828	436.29	X/SL	Nu	0.1682	537.98
				-0.3782	426.35	-0.5824	451.65	-0.7858	434.19		1279.17	0.1701	539.37
0.8458	637.88	-0.0916	372.45						436.70		1238.06	0.1720	542.08
0.8481	640.81	-0.0980	372.54	-0.3821	425.87	-0.5854	455.41	-0.7888				_	
0.8503	640.52	-0.1044	369.82	-0.3860	419.38	-0.5884	453.68	-0.7918	438.70		1245.36	0.1740	539.89
0.8525	641.19	-0.1107	372.58	-0.3899	425.44	-0.5914	453.27	-0.7948	438.93	0.0441	1196.39	0.1759	537.94
						-0.5944	461.76	-0.7978	445.40		1191.25	0.1778	538.46
0.8547	640.86	-0.1171	373.51	-0.3938	428.12							0.1798	540.44
0.8569	642.97	-0.1234	374.84	-0.3976	427.01	-0.5974	474.73	-0.8008	461.56	0.0460	1177.40		
0.8592	642.54	-0.1298	377.37	-0.3969	417.47	-0.6003	483.08	-0.8038	474.44	0.0499	1131.02	0.1817	541.69
				-0.3999	454.76	-0.6033	482.20	-0.8068	451.95	0.0519	1080.25	0.1837	541.41
0.8614	639.40	-0.1362	379.94				461.44	-0.8098	461.00		1051.51	0.1856	538.42
0.8636	643.08	-0.1425	383.28	-0.4029	448.49	-0.6063							541.35
0.8658	641.14	-0.1489	385.64	-0.4059	435.91	-0.6093	465.16	-0.8127	440.97		1008.55	0.1875	
0.8681	644.79	-0.1528	389.11	-0.4089	445.44	-0.6123	458.44	-0.8157	437.53	0.0577	987.28	0.1895	
				-0.4119	428.64	-0.6153	445.64	-0.8187	440.88	0.0596	975.03	0.1914	531.34
0.8703	645.92	-0.1567	437.19							0.0616	919.74	0.1933	531.26
0.8725	639.62	-0.1605	440.56	-0.4149	427.83	-0.6183	451.56	-0.8217	451.11				
				-0.4179	430.45	-0.6213	447.73	-0.8247	452.29	0.0635	898.82	0.1953	534.83
0.8747	642.50	-()\644	397.73	-0177									
0.8747	642.50 645.43	-0.1644					467.71		443.90	0.0654	876.16	0.1972	534.02
0.8769	645.43	-0.1683	397.14	-0.4209	428.02	-0.6243		-0.8277					
0.8769 0.8792	645.43 643.41	-0.1683 -0.1722	397.14 397.20	-0.4209 -0.4238	428.02 429.07	-0.6243 -0.6273	472.38	-0.8277 -0.8307	443.20	0.0674	851.53	0.1992	532.58
0.8769	645.43 643.41	-0.1683	397.14	-0.4209	428.02	-0.6243	472.38	-0.8277			851.53		

0.2030	536.83	0.4459	771.27	0.5970	965.58	0.7481	721.20	0.8992	698.86	-0.1659	472.26	-0.4837	474.40
0.2050		0.448		0.5992		0.7503				-0.1695			476.63
0.2069		0.4503		0.6014		0.7525					482.47	-0.4867	457.73
0.2088		0.4525								-0.1730	485.14	-0.4897	466.45
				0.6036		0.7547				-0.1765	481.65	-0.4927	518.19
0.2108		0.4547		0.6058		0.7570			720.79	-0.1800	474.22	-0.4956	494.89
0.2127	532.38	0.4570		0.6081	935.70	0.7592				-0.1836	473.27	-0.4986	500.02
0.2147		0.4592		0.6103		0.7614	705.42	0.9125	726.86	-0.1871	473.38	-0.5016	526.07
0.2166		0.4614		0.6125	928.22	0.7636	699.14	0.9147	734.52	-0.1906	474.19	-0.5046	495.94
0.2185		0.4636	803.38	0.6147	924.65	0.7658	700.41	0.9169	745.73	-0.1941	483.59	-0.5076	473.40
0.2205	523.25	0.4659	814.49	0.6170	927.52	0.7681	697.91	0.9192	753.98	-0.1977	476.48	-0.5106	473.95
0.2224	524.10	0.4681	820.93	0.6192		0.7703	694.77	0.9214	754.17	-0.2012	476.99	-0.5136	499.08
0.2243		0.4703		0.6214		0.7725	696.44		759.90	-0.2047	477.52	-0.5166	499.21
0.2263	524.87	0.4725		0.6236		0.7747	691.82		765.21	-0.2082	489.05	-0.5196	487.47
0.2282	522.62	0.4747		0.6258	909.14	0.7770	693.45		773.66				
0.2302	519.77	0.4770		0.6281	902.06	0.7792	689.39			-0.2117	490.64	-0.5226	436.78
0.2302	517.79	0.4792		0.6303	902.06				780.52	-0.2153	481.08	-0.5256	452.58
0.2334						0.7814	688.41	0.9325	796.26	-0.2188	480.92	-0.5286	460.20
	518.81	0.4814		0.6325	900.72	0.7836	691.36	0.9347	805.70	-0.2223	483.62	-0.5315	494.60
0.2366	527.69	0.4836		0.6347	894.22	0.7858	689.91	0.9369	815.96	-0.2258	482.27	-0.5345	511.95
0.2398	525.08	0.4859		0.6370	887.59	0.7881	682.69	0.9392	829.22	-0.2294	482.49	-0.5375	490.47
0.2430	520.91	0.4881		0.6392	878.49	0.7903	681.45	0.9414	849.58	-0.2329	481.75	-0.5405	513.67
0.2461	519.58	0.4903	861.21	0.6414	868.53	0.7925	679.68	0.9436	864.26	-0.2364	481.54	-0.5435	466.56
0.2493	520.38	0.4925		0.6436	871.30	0.7947	677.72	0.9458	873.41	-0.2399	481.39	-0.5465	446.17
0.2525	522.19	0.4947	865.91	0.6458	871.33	0.7969	680.97	0.9481	891.34	-0.2435	480.93	-0.5495	463.51
0.2557	524.93	0.4970		0.6481	861.02	0.7992	674.18	0.9503	909.81	-0.2470	480.90	-0.5525	478.38
0.2589	542.10	0.4992		0.6503	850.50	0.8014	677.72	0.9525	925.27	-0.2505	482.10	-0.5555	495.84
0.2621	542.20	0.5014		0.6525	849.49	0.8036	674.78	0.9547	940.42	-0.2540	482.44	-0.5585	516.80
0.2653	535.71	0.5036		0.6547	845.90	0.8058	672.07	0.9569	962.62	-0.2576	483.82	-0.5615	493.65
0.2685	533.73	0.5059		0.6570	838.10	0.8081	670.65	0.9592	975.46	-0.2611	482.80		
0.2717	529.38	0.5081	896.56	0.6592	833.57	0.8103	670.64	0.7372	970.40			-0.5645	488.54
0.2749	531.56	0.5103		0.6614	833.34			V (B)		-0.2646	482.83	-0.5674	486.60
0.2781	538.51	0.5125				0.8125	673.26	X/PL	Nu	-0.2681	484.19	-0.5704	465.10
				0.6636	826.24	0.8147	669.32	-0.0069		-0.2716	481.64	-0.5734	448.86
0.2813	526.75	0.5147		0.6658	824.95	0.8169	670.59	-0.0154		-0.2752	482.76	-0.5764	478.97
0.2845	533.30	0.5170		0.6681	824.99	0.8192	669.15	-0.0240		-0.2787	484.05	-0.5794	488.64
0.2877	529.89	0.5192		0.6703	820.98	0.8214	667.31	-0.0326	1545.73	-0.2822	485.24	-0.5824	502.62
0.2909	530.18	0.5214	938.79	0.6725	814.57	0.8236	664.67	-0.0411	1329.28	-0.2857	485.19	-0.5854	494.39
0.2941	527.53	0.5236	939.65	0.6747	807.04	0.8258	663.08	-0.0497	1166.09	-0.2893	487.46	-0.5884	481.24
0.2973	513.15	0.5259	942.94	0.6770	795.92	0.8281	664.43	-0.0532	983.30	-0.2928	487.61	-0.5914	468.83
0.3005	506.90	0.5281	954.52	0.6792	791.63	0.8303	669.65	-0.0567	885.42	-0.2963	486.64	-0.5944	489.72
0.3037	524.23	0.5303	962.09	0.6814	797.17	0.8325	670.52	-0.0602	664.46	-0.2998	487.29	-0.5974	494.27
0.3069	546.70	0.5325	962.25	0.6836	795.40	0.8347	659.82	-0.0638	661.91	-0.3034	487.80	-0.6003	515.24
0.3836	658.78	0.5347	970.67	0.6858	792.66	0.8369	656.59	-0.0673	640.33	-0.3069	487.90	-0.6063	548.26
0.3859	671.39	0.5370	970.31	0.6881	791.69	0.8392	659.93	-0.0708	556.36	-0.3104	486.73	-0.6093	524.23
0.3881	680.18	0.5392	975.12	0.6903	786.03	0.8414	665.81	-0.0743	506.69	-0.3139	486.61	-0.6123	515.59
0.3903	714.26	0.5414	979.79	0.6925	781.52	0.8436	671.82	-0.0778	502.05	-0.3175	485.40	-0.6153	516.65
0.3925	715.20	0.5436	980.24	0.6947	775.32	0.8458	663.66	-0.0814	483.05	-0.3210	483.95	-0.6183	547.52
0.3947	719.43	0.5459	990.16	0.6970	773.66	0.8481	658.09			-0.3210 -0.3245			558.74
	701.39	0.5481	998.20		773.81	0.8503		-0.0849	483.58		481.29	-0.6213	
0.3992	709.93		1004.51	0.7014	770.01				466.99		490.98	-0.6243	525.63
0.4014	708.30				772.52	0.8525	670.58	-0.0919	465.33	-0.3738	495.47	-0.6273	520.07
0.4036			1009.35	0.7036	767.39	0.8547	671.86	-0.0955	463.34	-0.3774	495.81	-0.6303	527.62
	691.04		1010.30	0.7058	758.85	0.8569	663.75	-0.0990	465.44	-0.3809	494.66	-0.6333	528.50
0.4059	693.79		1017.33	0.7081	755.86	0.8592	670.63	-0.1025	466.48	-0.3844	494.86	-0.6362	521.32
0.4081	732.05		1026.12	0.7103	758.28	0.8614	673.50	-0.1060	467.54	-0.3879	493.49	-0.6392	477.22
0.4103	727.87		1016.23	0.7125	759.06	0.8636	667.40	-0.1096	467.72	-0.3915	493.43	-0.6422	490.68
0.4125	713.53		1013.00	0.7147	756.63	0.8658	669.07	-0.1131	466.98	-0.3950	493.06	-0.6452	531.47
0.4147	723.18		1014.70	0.7170	750.04	0.8681	670.18	-0.1166	466.57	-0.3985	492.23	-0.6482	520.32
0.4170	718.61		1019.23	0.7192	754.92	0.8703	675.82	-0.1201	483.41	-0.4020	492.78	-0.6512	531.64
0.4192	723.55	0.5703	1020.78	0.7214	745.76	0.8725	674.80	-0.1237	465.88	-0.4055	492.51	-0.6542	532.13
0.4214	727.32		1022.95	0.7236	741.42	0.8747	673.75	-0.1272	466.49	-0.4091	493.17	-0.6572	535.54
0.4236	725.78		1020.88	0.7258	741.22	0.8769	677.68	-0.1307	467.57	-0.4126	494.28	-0.6602	534.93
0.4259	726.37		1009.27	0.7281	737.72	0.8792	682.69	-0.1342	468.36	-0.4161	493.49	-0.6632	513.96
0.4281	732.98	0.5792		0.7303	736.93	0.8814	682.10	-0.1378	468.33	-0.4196	503.11	-0.6662	500.81
0.4303	735.66		1010.26	0.7325	729.24	0.8836	674.33	-0.1378 -0.1413	468.85		518.22	-0.6692	483.57
0.4325	733.50	0.5836		0.7347	733.15	0.8858	679.71	-0.1413 -0.1448	468.50		492.47	-0.6721	507.78
0.4347	735.55	0.5858	998.83	0.7370	734.43	0.8881	684.48						
0.4370	737.96		1005.71	0.7370	729.77	0.8903	690.58	-0.1483	468.11		485.82	-0.6751	477.19
0.4370	746.26	0.5903	990.00	0.7392				-0.1518	469.16		486.90	-0.6781	508.82
0.4392	740.26 754.78				723.06	0.8925	687.21	-0.1554	469.66		526.87	-0.6811	482.33
		0.5925	982.21	0.7436	718.90	0.8947	693.63	-0.1589	471.27		509.94	-0.6841	488.17
0.4436	763.41	0.5947	970.15	0.7458	722.46	0.8969	700.67	-0.1624	471.95	-0.4807	466.40	-0.6871	504.41

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0 (00)	-1461	0.0005	400.00	0.1001	/0/ 00	0.0400	F00 F0	0.4001	000 45	0.7000	075 01	0.7903	40E 02
-0.6901	514.31	-0.8935	482.92	0.1081	636.23	0.2430	523.52	0.4881	832.45	0.6392	875.01		695.23
-0.6931	524.01	-0.8965	486.72	0.1100	631.98	0.2461	521.14	0.4903	841.13	0.6414	869.30	0.7925	696.35
			464.10	0.1120	627.21	0.2493	524.14	0.4925	837.84	0.6436	873.54	0.7947	696.44
-0.6961	511.54	-0.8995											
-0.6991	520.45	-0.9025	473.39	0.1139	627.06	0.2525	524.62	0.4947	835.92	0.6458	870.83	0.7969	695.20
-0.7021	523.03	-0.9055	461.22	0.1158	622.95	0.2557	527.15	0.4970	849.10	0.6481	861.09	0.7992	692.45
			-										
-0.7051	511.68	-0.9085	463.43	0.1178	618.62	0.2589	532.38	0.4992	854.14	0.6503	855.13	0.8014	689.30
-0.7080	500.23	-0.9115	468.89	0.1197	617.13	0.2621	544.48	0.5014	855.69	0.6525	857.46	0.8036	688.56
-0.7110	500.94	-0.9145	470.49	0.1216	612.00	0.2653	539.50	0.5036	858.19	0.6547	858.66	0.8058	683.10
-0.7140	510.17	-0.9174	469.88	0.1236	610.07	0.2685	538.01	0.5059	865.23	0.6570	851.39	0.8081	687.99
-0.7170	498.77	-0.9204	476.23	0.1255	611.03	0.2717	542.68	0.5081	875.91	0.6592	843.61	0.8103	686.57
-0.7200	490.54	-0.9234	495.85	0.1275	627.35	0.2749	535.78	0.5103	878.18	0.6614	847.80	0.8125	689.14
				0.1294	597.06	0.2781	530.86	0.5125	877.02	0.6636	842.44	0.8147	681.48
-0.7230	483.84	-0.9264	490.68										
-0.7260	467. 4 7	-0.9294	478.10	0.1313	589.62	0.2813	528.79	0.5147	883.06	0.6658	836.31	0.8169	679.74
-0.7290	474.59	-0.9324	476.49	0.1333	592.01	0.2845	535.44	0.5170	889.49	0.6681	829.59	0.8192	679.98
-0.7320	472.93	-0.9354	476.08	0.1352	589.14	0.2877	532.67	0.5192	901.70	0.6703	826.44	0.8214	682.29
-0.7350	471.79	-0.9384	484.12	0.1371	586.42	0.2909	535.97	0.5214	906.92	0.6725	831.72	0.8236	680.40
											827.24	0.8258	676.67
-0.7380	468.20	-0.9414	496.39	0.1391	588.48	0.2941	532.46	0.5236	909.65	0.6747			
-0.7409	503.63	-0.9444	503.08	0.1410	590.63	0.2973	539.21	0.5259	914.62	0.6770	813.73	0.8281	680.16
-0.7439	503.35	-0.9474	501.26	0.1430	583.82	0.3005	542.95	0.5281	924.59	0.6792	810.71	0.8303	689.16
-0.7469	489.77	-0.9504	501.32	0.1449	573.87	0.3037	546.70	0.5303	929.51	0.6814	806.51	0.8325	678.78
-0.7499	486.53	-0.9533	504.58	0.1468	575.42	0.3069	576.65	0.5325	936.42	0.6836	812.18	0.8347	675.12
					572.83	0.3836	659.33	0.5347	939.15	0.6858	806.05	0.8369	667.25
-0.7529	472.62	-0.9563	510.49	0.1488									
-0.7559	467.63	-0.9593	516.09	0.1507	568.50	0.3859	658,43	0.5370	937.11	0.6881	802.86	0.8392	663.79
-0.7589	460.60	-0.9623	520.93	0.1526	567.79	0.3881	673.84	0.5392	941.42	0.6903	800.56	0.8414	667.44
-0.7619	468.34	-0.9653	521.92	0.1546	565.10	0.3903	674.01	0.5414	952.87	0.6925	797.02	0.8436	674.17
-0.7649	483.96	-0.9683	525.80	0.1565	561.88	0.3925	688.99	0.5436	951.98	0.6947	799.07	0.8458	675.57
											791.35	0.8481	
-0.7679	465.84	-0.9713	535.40	0.1585	560.16	0.3947	704.60	0.5459	958.72	0.6970			668.02
-0.7709	476.03			0.1604	560.17	0.3970	745.68	0.5481	981.76	0.6992	787.82	0.8503	665.81
-0.7739	492.10			0.1623	556.65	0.3992	726.63	0.5503	979.66	0.7014	788.92	0.8525	665.50
-0.7768	468.02	CASE D	<u> </u>	0.1643	552.91	0.4014	711.45	0.5525	983.47	0.7036	785.14	0.8547	666.64
-0.7798	473.67			0.1662	552.28	0.4036	706.68	0.5547	987.56	0.7058	782.25	0.8569	665.83
		V/61	N1								775.78	0.8592	665.42
-0.7828	471.82	X/SL	Nu	0.1682	555.68	0.4059	698.34	0.5570	991.71	0.7081			
-0.7858	483.77	0.0383	1304 84	0.1701	555.23	0.4081	723.29	0.5592	990.88	0.7103	773.47	0.8614	666.37
-0.7888	470.48	0.0403	1251.89	0.1720	555.36	0.4103	741.83	0.5614	993.36	0.7125	779.29	0.8636	662.73
		0.0403 0.0422	1251.89 1256.58						993.36 989.55				662.73 665.63
-0.7888 -0.7918	470.48 475.83	0.0403 0.0422	1251.89 1256.58	0.1720 0.1740	555.36 554.40	0.4103 0.4125	741.83 733.49	0.5614 0.5636	993.36 989.55	0.7125 0.7147	779.29 783.04	0.8636 0.8658	662.73 665.63
-0.7888 -0.7918 -0.7948	470.48 475.83 479.20	0.0403 0.0422 0.0441	1251.89 1256.58 1228.63	0.1720 0.1740 0.1759	555.36 554.40 551.00	0.4103 0.4125 0.4147	741.83 733.49 724.58	0.5614 0.5636 0.5658	993.36 989.55 984.91	0.7125 0.7147 0.7170	779.29 783.04 777.98	0.8636 0.8658 0.8681	662.73 665.63 669.72
-0.7888 -0.7918 -0.7948 -0.7978	470.48 475.83 479.20 455.43	0.0403 0.0422 0.0441 0.0461	1251.89 1256.58 1228.63 1148.24	0.1720 0.1740 0.1759 0.1778	555.36 554.40 551.00 549.88	0.4103 0.4125 0.4147 0.4170	741.83 733.49 724.58 720.79	0.5614 0.5636 0.5658 0.5681	993.36 989.55 984.91 991.43	0.7125 0.7147 0.7170 0.7192	779.29 783.04 777.98 778.53	0.8636 0.8658 0.8681 0.8703	662.73 665.63 669.72 670.01
-0.7888 -0.7918 -0.7948 -0.7978	470.48 475.83 479.20 455.43	0.0403 0.0422 0.0441 0.0461	1251.89 1256.58 1228.63 1148.24	0.1720 0.1740 0.1759	555.36 554.40 551.00 549.88	0.4103 0.4125 0.4147	741.83 733.49 724.58 720.79	0.5614 0.5636 0.5658	993.36 989.55 984.91 991.43	0.7125 0.7147 0.7170 0.7192	779.29 783.04 777.98 778.53	0.8636 0.8658 0.8681	662.73 665.63 669.72
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008	470.48 475.83 479.20 455.43 460.93	0.0403 0.0422 0.0441 0.0461 0.0480	1251.89 1256.58 1228.63 1148.24 1146.04	0.1720 0.1740 0.1759 0.1778 0.1798	555.36 554.40 551.00 549.88 552.09	0.4103 0.4125 0.4147 0.4170 0.4192	741.83 733.49 724.58 720.79 712.62	0.5614 0.5636 0.5658 0.5681 0.5703	993.36 989.55 984.91 991.43 995.25	0.7125 0.7147 0.7170 0.7192 0.7214	779.29 783.04 777.98 778.53 769.51	0.8636 0.8658 0.8681 0.8703 0.8725	662.73 665.63 669.72 670.01 667.10
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038	470.48 475.83 479.20 455.43 460.93 456.20	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817	555.36 554.40 551.00 549.88 552.09 550.64	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214	741.83 733.49 724.58 720.79 712.62 716.39	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725	993.36 989.55 984.91 991.43 995.25 997.36	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236	779.29 783.04 777.98 778.53 769.51 768.44	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747	662.73 665.63 669.72 670.01 667.10 664.70
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008	470.48 475.83 479.20 455.43 460.93	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499	1251.89 1256.58 1228.63 1148.24 1146.04	0.1720 0.1740 0.1759 0.1778 0.1798	555.36 554.40 551.00 549.88 552.09	0.4103 0.4125 0.4147 0.4170 0.4192	741.83 733.49 724.58 720.79 712.62 716.39 722.58	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747	993.36 989.55 984.91 991.43 995.25 997.36 997.93	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258	779.29 783.04 777.98 778.53 769.51 768.44 764.36	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769	662.73 665.63 669.72 670.01 667.10 664.70 664.43
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068	470.48 475.83 479.20 455.43 460.93 456.20 458.20	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837	555.36 554.40 551.00 549.88 552.09 550.64 547.81	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236	741.83 733.49 724.58 720.79 712.62 716.39 722.58	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747	993.36 989.55 984.91 991.43 995.25 997.36 997.93	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258	779.29 783.04 777.98 778.53 769.51 768.44 764.36	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769	662.73 665.63 669.72 670.01 667.10 664.70 664.43
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187 -0.8217	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.58	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0558 0.0577 0.0596 0.0616	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 981.79	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 668.55
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18
-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.58 476.55	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933 0.1953	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 981.79 987.27	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 668.55 669.13
-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8098 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933 0.1953 0.1972	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 981.79 987.27 977.51	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.04 755.66 754.04 749.89	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8903 0.8925	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 668.55 669.13 674.83
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8307	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0557 0.0577 0.0596 0.0616 0.0635 0.0654	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933 0.1953 0.1972 0.1992	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 981.79 987.27 977.51 964.02	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8858 0.8858 0.8881 0.8903 0.8925 0.8947	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 668.55 669.13 674.83 675.85
-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8098 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.1992 0.2011	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4370 0.4370 0.4392 0.4414 0.4436	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5881 0.5903 0.5925 0.5947	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 981.79 987.27 977.51 964.02 960.09	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.04 749.89 747.56 741.60	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8903 0.8925 0.8947	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 661.81 668.55 669.13 674.83 675.85 681.07
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8217 -0.8247 -0.8307 -0.8337	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.1992 0.2011	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4370 0.4370 0.4392 0.4414 0.4436	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5881 0.5903 0.5925 0.5947	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 981.79 987.27 977.51 964.02 960.09	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.04 749.89 747.56 741.60	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8903 0.8925 0.8947	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 661.81 668.55 669.13 674.83 675.85 681.07
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8277 -0.8307 -0.8337 -0.8367	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.55 466.97 464.82 497.02 514.35	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.1992 0.2011 0.2030	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5881 0.5903 0.5925 0.5947 0.5970	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 981.79 987.27 977.51 964.02 960.09 960.50	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56 741.60 741.15	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.88881 0.8903 0.8925 0.8947 0.8969	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 669.13 674.83 675.85 681.07 680.58
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8217 -0.8247 -0.8307 -0.8337	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.55 466.97 464.82 497.02 514.35 489.14	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5888 0.5888 0.5903 0.5925 0.5947 0.5970 0.5992	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 981.79 987.27 977.51 964.02 960.09 960.50 946.43	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56 741.60 741.15 743.01	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8903 0.8925 0.8947 0.8969 0.8992	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 669.13 675.85 669.13 675.85 681.07 680.58 680.95
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.55 466.97 464.82 497.02 514.35	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5888 0.5888 0.5903 0.5925 0.5947 0.5970 0.5992	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 981.79 987.27 977.51 964.02 960.09 960.50 946.43	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56 741.60 741.15	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.88881 0.8903 0.8925 0.8947 0.8969	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 669.13 674.83 675.85 681.07 680.58
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8217 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 489.14 486.88	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481 0.4503	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5881 0.5925 0.5947 0.5970 0.5992 0.6014	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 747.56 741.60 741.15 743.01 740.93	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 669.13 675.85 669.13 675.85 681.07 680.58 680.95 684.89
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8068 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.55 466.87 464.82 497.02 514.35 489.14 486.88 479.46	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0696 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56	0.1720 0.1740 0.1759 0.1778 0.1877 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933 0.1953 0.1972 0.1992 0.2011 0.2030 0.2050 0.2069 0.2088	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.4459 0.4459 0.44503 0.4525	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22 768.37	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5888 0.5888 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036	993.36 989.55 984.91 991.43 995.25 997.36 997.36 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.50 946.43 940.42 944.25	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 747.56 741.60 741.15 743.01 740.93 738.13	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9936 0.9058	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 661.81 668.55 669.13 674.83 675.85 681.07 680.95 684.89 689.46
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8217 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 489.14 486.88	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481 0.4503	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.5992 0.6014 0.6036 0.6058	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 747.56 741.60 741.15 743.01 740.93	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9936 0.9058	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 661.81 668.55 669.13 674.83 675.85 681.07 680.58 680.58 680.95 684.89 689.46 689.89
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8307 -0.8367 -0.8367 -0.8467 -0.8486	470.48 475.83 479.20 455.43 460.93 456.20 458.20 447.69 469.23 475.17 491.31 476.55 466.97 464.82 497.02 514.35 489.14 486.88 479.46 498.40	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0577 0.0596 0.0616 0.0635 0.0674 0.0693 0.0713 0.0732 0.0751 0.0790	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78	0.1720 0.1740 0.1759 0.1778 0.1877 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088 0.2108	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.4503 0.4525 0.4547	741.83 733.49 724.58 720.79 712.62 716.39 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22 768.37 773.31	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.5992 0.6014 0.6036 0.6058	993.36 989.55 984.91 991.43 995.25 997.36 997.36 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7458 0.7503 0.7525 0.7547 0.7570	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56 741.15 740.93 738.13 734.12	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9936 0.9058	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 661.81 668.55 669.13 674.83 675.85 681.07 680.58 680.58 680.95 684.89 689.46 689.89
-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8157 -0.8247 -0.8247 -0.8307 -0.8307 -0.8367 -0.8367 -0.8465 -0.8457 -0.8457 -0.8457	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 489.14 486.88 479.46 498.40 474.68	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0790 0.0810	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2069 0.2088 0.2108	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44 537.95	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.4525 0.4547 0.4570	741.83 733.49 724.58 720.79 712.62 716.39 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22 768.37 773.31 777.54	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11 928.53	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570 0.7592	779.29 783.04 777.98 778.53 769.51 768.44 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56 741.15 743.01 740.93 738.13 734.12 731.01	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036 0.9058 0.9058	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 668.55 669.13 674.83 675.85 680.58 680.58 680.95 689.46 689.89 692.78
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-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8367 -0.8367 -0.8367 -0.8367 -0.8457 -0.8457 -0.8457 -0.8457 -0.8457 -0.8456 -0.8516 -0.8546	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 489.14 486.88 479.46 498.40 474.68	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0771 0.0790 0.0810 0.0829	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98 741.97	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2069 0.2088 0.2108	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44 537.95 536.96	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.4525 0.4547 0.4570	741.83 733.49 724.58 720.79 712.62 716.39 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22 768.37 773.31 777.54	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11 928.53	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570 0.7592	779.29 783.04 777.98 778.53 769.51 768.44 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56 741.15 743.01 740.93 738.13 734.12 731.01	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036 0.9058 0.9058 0.9013 0.9125 0.9147	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 661.81 668.55 669.13 674.83 675.85 680.95 680.95 684.89 689.89 689.278 692.78 698.22 704.45
-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8367 -0.8465 -0.8516 -0.8546 -0.8576	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 489.14 486.88 479.46 498.40 474.68 472.63 453.87	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0557 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0790 0.0810 0.0829 0.0848	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98 741.97 734.75	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1895 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2069 0.2127 0.2147 0.2166	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44 537.95 536.96 532.89	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.4459 0.4503 0.4525 0.4570 0.4592 0.4614	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22 768.37 777.54 780.35 788.40	0.5614 0.5636 0.5658 0.5658 0.5703 0.5725 0.5747 0.5770 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058 0.6058	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11 928.53 922.03 921.70	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 731.61 728.96	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036 0.9058 0.9058 0.9013 0.9125 0.9147	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 661.81 668.55 669.13 674.83 675.85 680.95 680.95 684.89 689.89 689.278 692.78 698.22 704.45
-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8367 -0.8457 -0.8457 -0.8516 -0.8546 -0.8576 -0.8606	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 489.14 486.88 479.46 498.40 474.68 472.63 453.87 463.06	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0557 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0790 0.0810 0.0829 0.0848 0.0868	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98 741.97 734.75 723.77	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088 0.2108 0.2127 0.2147 0.2166 0.2185	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44 537.95 536.96 532.89 528.32	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4363 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 762.22 762.22 768.37 773.31 773.31 778.35 788.40 790.35	0.5614 0.5636 0.5658 0.5658 0.5703 0.5725 0.5747 0.5770 0.5836 0.5858 0.5858 0.5858 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058 0.6103 0.6125 0.6147	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11 928.53 921.70 920.11	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 762.68 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 728.96 725.35	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036 0.9058 0.9081 0.9125 0.9147 0.9169	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 661.81 668.55 669.13 674.83 675.85 680.95 680.95 680.95 689.46 689.46 689.89 692.78 698.22 704.45 715.09
-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8367 -0.8465 -0.8516 -0.8546 -0.8576	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 486.88 479.46 498.40 474.68 472.63 453.87 463.06 465.33	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0558 0.0557 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0790 0.0810 0.0829 0.0848	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98 741.97 734.75 723.77 714.63	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1994 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088 0.2108 0.2147 0.2147 0.2166 0.2185 0.2205	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44 537.95 536.96 532.89 528.32 528.32	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4363 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22 768.37 773.31 777.33 788.40 790.35 790.54	0.5614 0.5636 0.5658 0.5658 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.6036 0.6036 0.6058 0.6081 0.6125 0.6147 0.6170	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11 928.53 921.70 920.11 917.28	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7658	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 731.61 728.96 725.35 721.41	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9036 0.9058 0.9081 0.9125 0.9147 0.9169 0.9192	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 668.55 669.13 674.83 675.85 680.95 680.95 689.89 689.89 698.22 704.45 715.09 711.08
-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8427 -0.8457 -0.8457 -0.8546 -0.8576 -0.8546 -0.8536	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 486.88 479.46 498.40 474.68 472.63 453.87 463.06 465.33	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0557 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0711 0.0771 0.0771 0.0790 0.0810 0.0829 0.0848 0.0868 0.0887	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98 741.97 734.75 723.77 714.63	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1994 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088 0.2108 0.2147 0.2147 0.2166 0.2185 0.2205	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44 537.95 536.96 532.89 528.32 528.32	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4363 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 762.22 762.22 768.37 773.31 773.31 778.35 788.40 790.35	0.5614 0.5636 0.5658 0.5658 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.6036 0.6036 0.6058 0.6081 0.6125 0.6147 0.6170	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11 928.53 921.70 920.11 917.28	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7658	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 762.68 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 728.96 725.35	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9036 0.9058 0.9081 0.9125 0.9147 0.9169 0.9192	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 661.81 668.55 669.13 674.83 675.85 680.95 680.95 680.95 689.46 689.46 689.89 692.78 698.22 704.45 715.09
-0.7888 -0.7918 -0.7948 -0.8008 -0.8008 -0.8068 -0.8098 -0.8127 -0.8187 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8457 -0.8457 -0.8546 -0.8576 -0.8536 -0.8566	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 486.88 479.46 498.40 474.68 472.63 453.87 463.06 465.33 480.19	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0751 0.0771 0.0790 0.0810 0.0848 0.0868 0.0887 0.0906	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98 741.97 734.75 723.77 714.63 707.89	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1994 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088 0.2108 0.2127 0.2147 0.2166 0.2185 0.2205 0.2224	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44 537.95 536.96 532.89 528.32 530.23	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4525 0.4547 0.4525 0.4547 0.4592 0.4614 0.4636 0.4659 0.4681	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22 768.37 773.31 777.54 780.35 780.35 790.54 797.96	0.5614 0.5636 0.5658 0.5658 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.6036 0.6036 0.6058 0.6081 0.6125 0.6147 0.6170 0.6192	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11 928.53 921.70 920.11 917.28 914.31	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7458 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7681 0.7703	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 762.68 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 731.61 728.96 725.35 721.41 723.69	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9036 0.9036 0.9058 0.9058 0.9147 0.9169 0.9192 0.9214	662.73 665.63 669.72 670.01 664.70 664.43 668.18 664.31 658.18 668.55 669.13 674.83 675.85 680.95 684.89 689.46 689.89 692.78 698.22 704.45 715.09 711.08 712.56
-0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8217 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8427 -0.8457 -0.8457 -0.8546 -0.8546 -0.8576 -0.8606 -0.8636 -0.8696	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 486.88 479.46 498.40 474.68 474.68 472.63 453.06 465.33 480.19 473.98	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0577 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0771 0.0790 0.0810 0.0829 0.0848 0.0868 0.0887 0.0906	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98 741.97 734.75 772.98 701.18	0.1720 0.1740 0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088 0.2127 0.2147 0.2166 0.2185 0.2205 0.2224 0.2243	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44 537.95 536.96 532.89 538.32	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4592 0.4547 0.4570 0.4570 0.4592 0.4614 0.4659 0.4681 0.4703	741.83 733.49 724.58 720.79 712.62 716.39 722.58 725.56 725.56 725.56 727.23 736.45 742.03 748.98 750.82 755.22 762.22 768.37 773.31 777.54 780.35 780.35 790.54 797.96 801.74	0.5614 0.5636 0.5658 0.5658 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.6036 0.6036 0.6058 0.6081 0.6125 0.6147 0.6170 0.6192 0.6214	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11 928.53 921.70 920.11 917.28 914.31 902.88	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7681 0.7703 0.7725	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 755.66 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 731.61 728.96 725.35 721.41 723.69 710.92	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036 0.9058 0.9058 0.9103 0.9125 0.9147 0.9169 0.9192 0.9214 0.9236	662.73 665.63 669.72 670.01 664.70 664.43 668.18 664.31 658.18 668.55 669.13 674.83 675.85 680.95 680.95 684.89 692.78 698.22 704.45 715.09 711.08 712.56 722.84
-0.7888 -0.7918 -0.7948 -0.8008 -0.8008 -0.8068 -0.8098 -0.8127 -0.8187 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8457 -0.8457 -0.8546 -0.8576 -0.8536 -0.8566	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 486.88 479.46 498.40 474.68 472.63 453.87 463.06 465.33 480.19	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0751 0.0771 0.0790 0.0810 0.0848 0.0868 0.0887 0.0906	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98 741.97 734.75 723.77 714.63 707.89	0.1720 0.1740 0.1759 0.1778 0.1877 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088 0.2127 0.2147 0.2166 0.2185 0.2205 0.2224 0.2224 0.22243 0.2263	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 534.66 532.44 537.95 536.96 532.89 528.32 530.23	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4525 0.4547 0.4592 0.4614 0.4636 0.4659 0.4681	741.83 733.49 724.58 720.79 712.62 716.39 722.58 726.75 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 762.22 768.37 773.31 777.54 780.35 780.35 790.54 797.96	0.5614 0.5636 0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.6014 0.6036 0.6058 0.6125 0.6147 0.6170 0.6170 0.6192 0.6214 0.6236	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 940.42 944.25 939.11 928.53 921.70 920.11 917.28 914.31	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7681 0.7703	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 762.68 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 731.61 728.96 725.35 721.41 723.69	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036 0.9058 0.9058 0.9103 0.9125 0.9147 0.9169 0.9192 0.9214 0.9236 0.9258	662.73 665.63 669.72 670.01 664.70 664.73 668.18 664.31 658.18 661.81 668.55 669.13 674.83 675.85 681.07 680.58 680.95 684.89 692.78 698.22 704.45 711.08 712.56 722.84 725.96
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-0.7888 -0.7918 -0.7948 -0.8008 -0.8008 -0.8068 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8307 -0.8307 -0.8337 -0.8367 -0.8367 -0.8466 -0.8516 -0.8546 -0.8566 -0.8566 -0.8666 -0.8766 -0.8766 -0.8766 -0.8766 -0.8766 -0.8766 -0.8816 -0.8845	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 489.14 486.88 479.46 474.68 472.63 453.87 463.06 465.33 480.19 473.98 463.19 464.70 468.55	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0771 0.0780 0.0848 0.0848 0.0868 0.0926 0.0945 0.0945 0.0945 0.0933 0.1003	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 766.78 752.98 741.97 734.75 723.77 714.63 707.89 701.18 692.31 683.42 676.65 669.41 661.38	0.1720 0.1740 0.1759 0.1778 0.1875 0.1817 0.1837 0.1856 0.1895 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2050 0.2069 0.2127 0.2147 0.2147 0.2166 0.2185 0.2205 0.2224 0.2243 0.2243 0.2302 0.2302 0.2302 0.2334	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 532.66 532.89 528.32 530.23 526.66 527.29 529.64 522.53 520.33 520.33 520.33	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4547 0.4570 0.4572 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4770 0.4792 0.4814	741.83 733.49 724.58 720.79 712.62 716.39 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 768.37 773.31 777.54 780.35 788.40 790.35 790.54 797.96 801.74 804.54 804.54 804.54 804.54 804.54 826.65 828.04	0.5614 0.5636 0.5658 0.5658 0.5703 0.5725 0.5747 0.5770 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6125 0.6147 0.6170 0.6192 0.6214 0.6236 0.6281 0.6303 0.6325	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 944.25 939.11 928.53 922.03 921.70 920.11 917.28 914.31 902.88 905.54 916.28 897.81 889.08 884.33	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7258 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7681 0.7703 0.7725 0.7747 0.7770 0.7792 0.7814 0.7836	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 731.61 728.96 725.35 721.41 723.69 710.92 709.14 707.12 704.67	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9036 0.9036 0.9058 0.9103 0.9125 0.9147 0.9169 0.9125 0.9214 0.9236 0.9258 0.9281 0.9236 0.9281 0.9236 0.9325 0.9347	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 668.55 669.13 674.83 675.85 680.58 680.95 684.89 692.78 698.22 704.45 715.09 711.08 712.56 722.84 725.96 732.26 747.41 758.81 768.82
-0.7888 -0.7918 -0.7948 -0.8008 -0.8038 -0.8038 -0.8127 -0.8157 -0.8157 -0.8247 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8457 -0.8457 -0.8456 -0.8516 -0.8546 -0.8566 -0.8566 -0.8566 -0.8566 -0.8576 -0.8576 -0.8576 -0.8576 -0.85866 -0.8576 -0.8576 -0.8586 -0.8756 -0.8756 -0.8756 -0.8756 -0.8756 -0.8756 -0.8756 -0.8786 -0.8816	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 489.14 486.88 479.46 474.68 472.63 453.87 463.06 465.33 480.19 473.98 461.02 454.79 454.70	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0790 0.0810 0.0829 0.0848 0.0868 0.0926 0.0926 0.0926 0.0945 0.0945 0.0984 0.1003	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 781.56 766.78 752.98 741.97 734.75 723.77 714.63 707.89 701.18 692.31 683.42 676.65 669.41	0.1720 0.1740 0.1759 0.1778 0.1877 0.1837 0.1856 0.1895 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088 0.2127 0.2147 0.2166 0.2185 0.2205 0.2224 0.2224 0.2224 0.2224 0.2224 0.2224 0.2302 0.2302	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 532.44 537.95 536.96 532.89 528.32 528.32 528.32 529.64 522.53 520.33	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4592 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4770 0.4792	741.83 733.49 724.58 720.79 712.62 716.39 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 768.37 777.54 780.35 788.40 790.35 790.54 797.96 801.74 804.54 806.53 817.24 826.65 828.04 836.12	0.5614 0.5636 0.5658 0.5658 0.5703 0.5725 0.5747 0.5770 0.5836 0.5858 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6103 0.6125 0.6147 0.6170 0.6192 0.6214 0.6236 0.6258 0.6325 0.6325 0.6347	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 944.25 939.11 928.53 922.03 921.70 920.11 917.28 914.31 902.88 905.54 916.28 897.81 889.08	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7258 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7681 0.7703 0.7725 0.7725 0.77747 0.7770 0.7792 0.7814	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 731.61 728.96 725.35 721.41 723.69 710.92 709.14 706.06 707.11 707.12	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8969 0.8992 0.9014 0.9036 0.9058 0.9103 0.9125 0.9147 0.9169 0.9192 0.9214 0.9236 0.9258 0.9258 0.9258 0.9369 0.9369	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 658.18 661.81 668.55 669.13 674.83 675.85 680.95 684.89 689.46 689.89 692.78 698.22 704.45 715.09 711.08 712.56 722.84 725.96 732.26 747.41 758.81 768.82 774.06
-0.7888 -0.7918 -0.7948 -0.8008 -0.8008 -0.8068 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8307 -0.8307 -0.8337 -0.8367 -0.8367 -0.8466 -0.8516 -0.8546 -0.8566 -0.8566 -0.8666 -0.8766 -0.8766 -0.8766 -0.8766 -0.8766 -0.8766 -0.8816 -0.8845	470.48 475.83 479.20 455.43 460.93 456.20 447.69 469.23 475.17 491.31 476.58 476.55 466.97 464.82 497.02 514.35 489.14 486.88 479.46 474.68 472.63 453.87 463.06 465.33 480.19 473.98 463.19 464.70 468.55	0.0403 0.0422 0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0771 0.0780 0.0848 0.0848 0.0868 0.0926 0.0945 0.0945 0.0945 0.0933 0.1003	1251.89 1256.58 1228.63 1148.24 1146.04 1128.05 1071.05 1066.94 1033.13 996.38 977.93 932.18 915.44 895.47 870.29 854.19 847.67 815.52 801.93 766.78 752.98 741.97 734.75 723.77 714.63 707.89 701.18 692.31 683.42 676.65 669.41 661.38	0.1720 0.1740 0.1759 0.1778 0.1875 0.1817 0.1837 0.1856 0.1895 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2050 0.2069 0.2127 0.2147 0.2147 0.2166 0.2185 0.2205 0.2224 0.2243 0.2243 0.2302 0.2302 0.2302 0.2334	555.36 554.40 551.00 549.88 552.09 550.64 547.81 548.88 549.30 545.32 539.11 540.50 544.42 543.57 539.43 543.30 550.18 545.21 539.85 532.66 532.89 528.32 530.23 526.66 527.29 529.64 522.53 520.33 520.33 520.33	0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4547 0.4570 0.4572 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4770 0.4792 0.4814	741.83 733.49 724.58 720.79 712.62 716.39 722.58 725.56 723.11 729.63 727.23 736.45 742.03 748.98 750.82 755.22 768.37 773.31 777.54 780.35 788.40 790.35 790.54 797.96 801.74 804.54 804.54 804.54 804.54 804.54 826.65 828.04	0.5614 0.5636 0.5658 0.5658 0.5703 0.5725 0.5747 0.5770 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6125 0.6147 0.6170 0.6192 0.6214 0.6236 0.6281 0.6303 0.6325	993.36 989.55 984.91 991.43 995.25 997.36 997.93 991.56 992.23 981.14 976.07 987.27 977.51 964.02 960.09 960.50 946.43 944.25 939.11 928.53 922.03 921.70 920.11 917.28 914.31 902.88 905.54 916.28 897.81 889.08 884.33	0.7125 0.7147 0.7170 0.7192 0.7214 0.7236 0.7258 0.7258 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7681 0.7703 0.7725 0.7747 0.7770 0.7792 0.7814 0.7836	779.29 783.04 777.98 778.53 769.51 768.44 764.36 765.80 764.03 762.68 754.47 755.66 754.04 749.89 747.56 741.60 741.15 743.01 740.93 738.13 734.12 731.01 731.61 728.96 725.35 721.41 723.69 710.92 709.14 707.12 704.67	0.8636 0.8658 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8903 0.8925 0.8947 0.8969 0.9036 0.9036 0.9058 0.9103 0.9125 0.9147 0.9169 0.9125 0.9214 0.9236 0.9258 0.9281 0.9236 0.9281 0.9236 0.9325 0.9347	662.73 665.63 669.72 670.01 667.10 664.70 664.43 668.18 664.31 668.55 669.13 674.83 675.85 680.58 680.95 684.89 692.78 698.22 704.45 715.09 711.08 712.56 722.84 725.96 732.26 747.41 758.81 768.82

0.9414	794.15	-0.2422	490.79	-0.4418	499.64	-0.6452	500.12	-0.8486	476.75	0.0790	938.75	0.2108	538.30
0.9436	803.38	-0.2457	489.05	-0.4448	489.24	-0.6482	477.82	-0.8516	504.97	0.0810	917.18	0.2127	540.06
					469.35	-0.6512	468.15	-0.8546	476.30	0.0829	901.33	0.2147	539.31
0.9458	822.51	-0.2492	488.95	-0.4478									
0.9481	834.63	-0.2527	487.85	-0.4508	471.52	-0.6542	496.91	-0.8576	478.50	0.0848	890.97	0.2166	535.46
0.9503	854.67	-0.2563	487.31	-0.4538	482.50	-0.6572	485.68	-0.8606	469.89	0.0868	876.62	0.2185	530.01
0.9525	871.02	-0.2598	486.85	-0.4568	502.49	-0.6602	513.69	-0.8636	481.41	0.0887	863.06	0.2205	525.76
					554.36	-0.6632	493.33	-0.8666	474.55	0.0906	854.07	0.2224	525.73
0.9547	883.74	-0.2633	486.04	-0.4597									
0.9569	891.50	-0.2668	485.71	-0.4627	547.04	-0.6662	485.19	-0.8696	478.94	0.0926	842.99	0.2243	523.01
0.9592	893.98	-0.2704	486.64	-0.4657	575.44	-0.6692	488.36	-0.8726	491.01	0.0945	831.05	0.2263	521.31
•		-0.2739	486.68	-0.4687	591.05	-0.6721	498.50	-0.8756	488.80	0.0965	817.25	0.2282	520.69
V /DI	B.L.	-0.2774	487.80	-0.4717	526.53	-0.6751	478.87	-0.8786	472.17	0.0984	808.58	0.2302	516.42
X/PL	Nμ												
-0.0011	1359.71	-0.2809	486.46	-0.4747	494.02	-0.6781	495.72	-0.8816	477.14	0.1003	799.85	0.2302	515.53
-0.0096	1336.19	-0.2844	486.20	-0.4777	476.93	-0.6811	464.70	-0.8845	479.02	0.1023	786.20	0.2334	515.14
	1285.48	-0.2880	487.30	-0.4807	430.47	-0.6841	464.28	-0.8875	477.42	0.1042	775.36	0.2366	517.40
		-0.2915	484.37	-0.4837	464.18	-0.6871	476.63	-0.8905	483.57	0.1061	765.11	0.2398	518.49
	1261.49				-			-0.8935	502.44	0.1081	752.55	0.2430	516.35
-0.0353	1238.99	-0.2950	485.24	-0.4867	476.38	-0.6901	497.48						
-0.0438	1118.78	-0.2985	486.28	-0.4897	489.69	-0.6931	516.16	-0.8965	520.47	0.1100	746.86	0.2461	515.87
-0.0524	923.80	-0.3021	487.22	-0.4927	470.79	-0.6961	491.20	-0.8995	530.02	0.1120	740.28	0.2493	516.63
-0.0609	757.29	-0.3056	486.88	-0.4956	492.23	-0.6991	500.98	-0.9025	495.53	0.1139	734.47	0.2525	515.26
						-0.7021	506.71	-0.9055	498.37	0.1158	725.50	0.2557	517.73
-0.0695	663.88	-0.3091	488.95	-0.4986	510.15								500.10
-0.0730	597.28	-0.3126	488.83	-0.5016	513.10	-0.7051	547.61	-0.9085	500.33	0.1178	719.10	0.2589	523.10
-0.0766	550.79	-0.3162	487.56	-0.5046	524.16	-0.7080	541.25	-0.9115	502.58	0.1197	716.20	0.2621	551.77
-0.0801	530.09	-0.3197	487.96	-0.5076	518.99	-0.7110	518.99	-0.9145	507.15	0.1216	710.84	0.2653	537.00
			488.22	-0.5106	514.16	-0.7140	530.37	-0.9174	505.59	0.1236	706.22	0.2685	527.74
-0.0836	519.13	-0.3232											
-0.0871	509.49	-0.3267	488.07	-0.5136	507.35	-0.7170	523.66	-0.9204	508.99	0.1255	704.24	0.2717	526.85
-0.0906	501.71	-0.3303	486.68	-0.5166	483.86	-0.7200	516.07	-0.9234	514.69	0.1275	742.19	0.2749	527.24
-0.0942	499.10	-0.3338	486.35	-0.5196	469.07	-0.7230	522.17	-0.9264	520.08	0.1294	767.62	0.2781	522.89
		-0.3373	484.92	-0.5226	454.31	-0.7260	545.32	-0.9294	533.30	0.1313	695.43	0.2813	525.38
-0.0977	493.07								533.85	0.1333	670.52	0.2845	527.69
-0.1012	489.41	-0.3636	486.78	-0.5256	492.71	-0.7290	531.93	-0.9324					
-0.1047	489.25	-0.3655	521.12	-0.5286	464.16	-0.7320	473.68	-0.9354	524.45	0.1352	665.42	0.2877	524.92
-0.1083	488.98	-0.3690	517.41	-0.5315	469.17	-0.7350	470.06	-0.9384	526.61	0.1371	664.99	0.2909	526.03
-0.1118	486.69	-0.3725	515.39	-0.5345	497.00	-0.7380	472.58	-0.9414	532.19	0.1391	665.19	0.2941	523.47
-					480.07	-0.7409	489.40	-0.9444	540.27	0.1410	661.64	0.2973	514.64
-0.1153	484.06	-0.3761	514.65	-0.5375									
-0.1188	485.81	-0.3796	513.44	-0.5405	503.13	-0.7439	469.06	-0.9474	545.57	0.1430	653.81	0.3005	505.73
-0.1224	486.43	-0.3831	512.73	-0.5435	482.91	-0.7469	462.78	-0.9504	550.48	0.1449	644.00	0.3037	509.25
-0.1259	487.08	-0.3866	510.50	-0.5465	512.64	-0.7499	484.17	-0.9533	549.67	0.1468	640.68	0.3069	524.23
		-0.3902	509.73	-0.5495	526.09	-0.7529	489.75	-0.9563	560.24	0.1488	634.86	0.3836	673.84
-0.1294	486.81											0.3859	689.21
-0.1329	485.53	-0.3937	506.31	-0.5525	513.70	-0.7559	480.42	-0.9593	568.34	0.1507	628.11		
-0.1365	484.64	-0.3972	506.48	-0.5555	511.77	-0.7589	520.26	-0.9623	578.98	0.1526	624.64	0.3881	696.95
-0.1400	502.10	-0.4007	505.13	-0.5585	522.87	-0.7619	477.40	-0.9653	585.43	0.1546	623.31	0.3903	711.45
		-0.4043	505.15	-0.5615	536.84	-0.7649	474.22	-0.9683	589.99	0.1565	617.65	0.3925	737.92
-0.1435	482.99										611.53	0.3947	713.64
-0.1470	483.19	-0.4078	503.56	-0.5645	531.22	-0.7679	495.20	-0.9713	597.79	0.1585			
-0.1505	483.89	-0.4113	503.32	-0.5674	517.33	-0.7709	453.79			0.1604	611.44	0.3970	703.37
-0.1541	484.29	-0.4148	502.76	-0.5704	476.35	-0.7739	461.11			0.1623	608.69	0.3992	739.63
-0.1576	483.82	-0.4183	501.74	-0.5734	474.31	-0.7768	492.19	CASE E	– Nu	0.1643	601.43	0.4014	741.41
			502.12	-0.5764	464.63	-0.7798	479.89			0.1662	597.80	0.4036	735.87
-0.1611	483.95	-0.4219						V/61	Miss		597.58	0.4059	711.79
-0.1646	483.15	-0.4254	501.65	-0.5794	497.37	-0.7828	480.81	X/SL	Nu	0.1682			
-0.1682	482.33	-0.4289	502.14	-0.5824	530.50	-0.7858	460.17	0.0383		0.1701	596.85	0.4081	745.10
-0.1717	483.04	-0.4324	503.09	-0.5854	516.63	-0.7888	454.20	0.0403	1552.73	0.1720	593.41	0.4103	733.92
-0.1752	483.15	-0.4360	502.10	-0.5884	484.67	-0.7918	456.26	0.0422	1578.41	0.1740	593.14	0.4125	733.59
					519.18		471.67	0.0441		0.1759	589.39	0.4147	721.90
-0.1787	484.45	-0.4395	511.69	-0.5914		-0.7948						0.4170	731.05
-0.1823	484.77	-0.4430	500.56	-0.5944	570.35	-0.7978	486.52	0.0461	1510.45	0.1778	585.00		
-0.1858	484.69	-0.4465	500.52	-0.5974	543.53	-0.8008	467.00	0.0480	1413.96	0.1798	582.76	0.4192	738.15
-0.1893	495.08	-0.3969	509.25	-0.6003	509.25	-0.8038	452.52	0.0499	1385.90	0.1817	583.94	0.4214	726.98
		-0.3999	524.23	-0.6033	480.06	-0.8068	448.31	0.0519		0.1837	579.90	0.4236	727.69
-0.1928	497.50							0.0017	1001114			0.4259	728.03
-0.1964	493.43	-0.4029	516.74	-0.6063	492.75	-0.8098	472.53	0.0538		0.1856	575.16		
-0.1999	485.22	-0.4059	520.78	-0.6093	496.32	-0.8127	472.38	0.0558	1269.92	0.1875	576.23	0.4281	730.30
-0.2034	483.85	-0.4089	526.51	-0.6123	517.31	-0.8157	469.09	0.0577	1241.38	0.1895	571.57	0.4303	730.27
	483.59	-0.4119	422.41	-0.6153	558.37	-0.8187	464.91	0.0596	1201.84	0.1914	565.43	0.4325	730.39
-0.2069							458.63	0.0616		0.1933	560.76	0.4347	736.16
-0.2104	484.07	-0.4149	479.32	-0.6183	545.91	-0.8217							
-0.2140	493.60	-0.4179	540.22	-0.6213	584.82	-0.8247	463.41	0.0635		0.1953	564.08	0.4370	737.98
-0.2175	485.76	-0.4209	553.31	-0.6243	591.10	-0.8277	502.31	0.0654	1101.77	0.1972	561.05	0.4392	740.14
-0.2210	485.93	-0.4238	511.95	-0.6273	515.63	-0.8307	498.16	0.0674		0.1992	558.12	0.4414	745.58
						-0.8337	455.50	0.0693		0.2011	558.31	0.4436	753.69
-0.2245	486.14	-0.4268	501.68	-0.6303	513.67								755.87
-0.2281	497.86	-0.4298	470.70	-0.6333	485.44	-0.8367	470.63	0.0713		0.2030	576.28	0.4459	
-0.2316		-0.4328	557.42	-0.6362	498.29	-0.8397	475.41	0.0732	1002.67	0.2050	556.33	0.4481	757.40
	499.17	-0.4320	337.42	-0.0002	7,0.4,			0.0, 02					
	499.17 488.82										545.14	0.4503	762.97
-0.2351 -0.2386	499.17 488.82 488.31	-0.4358 -0.4388	576.51 573.44	-0.6392 -0.6422	524.16 534.28	-0.8427 -0.8457	462.30 474.29	0.0751 0.0771	975.77 962.22	0.2069 0.2088	545.14 541.10		

								e e					
0.4547	777.26	0.6058	937.93	0.7570	761.08	0.9081	728.48	-0.2255	490.92	-0.4687	528.05	-0.6721	521.14
0.4547					755.93	0.9103	733.54	-0.2294	492.43	-0.4717	531.79	-0.6751	510.80
0.4570	777.03	0.6081	931.01	0.7592					493.55	-0.4747	509.58	-0.6781	512.84
0.4592	783.87	0.6103	921.50	0.7614	750.31	0.9125	737.58	-0.2333				-0.6811	
0.4614	786.78	0.6125	922.56	0.7636	748.77	0.9147	742.90	-0.2372	555.57	-0.4777	525.34		505.81
0.4636	793.05	0.6147	921.60	0.7658	748.88	0.9169	745.16	-0.2411	556.52	-0.4807	501.23	-0.6841	520.27
			920.97	0.7681	744.19	0.9192	750.22	-0.2450	550.46	-0.4837	487.68	-0.6871	526.56
0.4659	792.48	0.6170					753.18	-0.2489	492.05	-0.4867	495.53	-0.6901	514.27
0.4681	803.25	0.6192	918.76	0.7703	746.20	0.9214						-0.6931	524.05
0.4703	803.94	0.6214	912.73	0.7725	739.17	0.9236	755.18	-0.2528	493.22	-0.4897	498.20		
0.4725	805.67	0.6236	918.58	0.7747	737.95	0.9258	761.83	-0.2566	494.75	-0.4927	474.38	-0.6961	522.19
		0.6258	914.11	0.7770	741.17	0.9281	768.05	-0.2605	496.17	-0.4956	470.68	-0.6991	506.02
0.4747	809.29					0.9303	778.27	-0.2644	500.76	-0.4986	490.78	-0.7021	511.33
0.4770	815.61	0.6281	907.09	0.7792	737.87							-0.7051	520.13
0.4792	820.39	0.6303	903.34	0.7814	733.17	0.9325	784.69	-0.2683	498.23	-0.5016	462.31		
0.4814	822.70	0.6325	901.91	0.7836	734.89	0.9347	794.59	-0.2722	494.82	-0.5046	465.65	-0.7080	566.67
0.4836	828.72	0.6347	901.09	0.7858	734.19	0.9369	804.01	-0.2761	496.84	-0.5076	491.48	-0.7110	530.51
				0.7881	730.41	0.9392	813.46	-0.2800	577.59	-0.5106	484.94	-0.7140	506.69
0.4859	826.34	0.6370	898.52					-0.2838	579.69	-0.5136	494.33	-0.7170	496.45
0.4881	830.91	0.6392	883.03	0.7903	731.21	0.9414	820.10						508.05
0.4903	841.60	0.6414	882.50	0.7925	727.74	0.9436	833.47	-0.2877	500.35	-0.5166	488.14	-0.7200	
0.4925	843.59	0.6436	889.11	0.7947	729.19	0.9458	851.98	-0.2916	500.42	-0.5196	504.35	-0.7230	505.81
			880.79	0.7969	725.72	0.9481	864.77	-0.2955	500.28	-0.5226	483.47	-0.7260	509.12
0.4947	838.36	0.6458				0.9503	871.77	-0.2994	504.87	-0.5256	494.93	-0.7290	531.32
0.4970	844.65	0.648]	871.06	0.7992	722.34		-					-0.7320	515.74
0.4992	850.26	0.6503	876.64	0.8014	718.74	0.9525	878.18	-0.3033	504.74	-0.5286	501.41		
0.5014	854.08	0.6525	878.82	0.8036	715.93	0.9547	889.83	-0.3072	505.60	-0.5315	492.69	-0.7350	509.43
	859.59	0.6547	868.47	0.8058	719.95	0.9569	898.12	-0.3111	503.04	-0.5345	513.51	-0.7380	544.69
0.5036						0.9592	903.94	-0.3149	501.27	-0.5375	501.87	-0.7409	531.07
0.5059	862.29	0.6570	868.15	0.8081	716.35	0.7072	700.74			-0.5405	488.19	-0.7439	519.09
0.5081	867.13	0.6592	864.01	0.8103	722.20			-0.3188	498.71				
0.5103	873.01	0.6614	860.84	0.8125	719.55	X/PL	Nu	-0.3227	500.09	-0.5435	504.75	-0.7469	503.14
0.5125	873.21	0.6636	861.15	0.8147	716.32	-0.0104	1188.99	-0.3266	499.69	-0.5465	494.92	-0.7499	506.57
			854.91	0.8169	711.72		1178.12	-0.3305	504.19	-0.5495	501.26	-0.7529	510.75
0.5147	878.58	0.6658						-0.3344	502.75	-0.5525	497.62	-0.7559	533.72
0.5170	883.47	0.6681	850.70	0.8192	710.08		1175.20				489.67	-0.7589	521.40
0.5192	888.99	0.6703	848.91	0.8214	715.97		1179.47	-0.3383	504.48	-0.5555			
0.5214	893.79	0.6725	848.01	0.8236	709.62	-0.0358	1144.98	-0.3422	501.46	-0.5585	512.89	-0.7619	506.16
0.5236	898.02	0.6747	847.87	0.8258	703.69		1058.61	-0.3460	502.61	-0.5615	515.61	-0.7649	513.43
			837.72	0.8281	707.27	0.0425	1045.29	-0.3499	501.24	-0.5645	491.26	-0.7679	522.65
0.5259	902.88	0.6770						-0.3538	497.82	-0.5674	490.05	-0.7709	507.18
0.5281	900.28	0.6792	836.97	0.8303	715.17		1006.81					-0.7739	490.22
0.5303	911.58	0.6814	834.52	0.8325	717.72	-0.0612	889.49	-0.3577	499.15	-0.5704	504.66		
0.5325	914.72	0.6836	836.45	0.8347	704.57	-0.0676	688.08	-0.3616	500.39	-0.5734	498.53	-0.7768	488.62
0.5347	916.42	0.6858	829.37	0.8369	698.33	-0.0740	557.75	-0.3655	499.10	-0.5764	493.84	-0.7798	491.69
				0.8392	702.54	-0.0803	533.84	-0.3694	500.46	-0.5794	513.39	-0.7828	500.41
0.5370	920.84	0.6881	829.84						501.34	-0.5824	507.85	-0.7858	495.64
0.5392	929.42	0.6903	823.60	0.8414	705.13	-0.0867	522.51	-0.3732					
0.5414	936.97	0.6925	824.65	0.8436	708.82	-0.0930	515.16	-0.3771	505.50	-0.5854	530.75	-0.7888	489.58
0.5436	933.53	0.6947	820.62	0.8458	703.55	-0.0994	512.94	-0.3810	507.52	-0.5884	502.97	-0.7918	493.96
			814.83	0.8481	700.80	-0.1058	510.67	-0.3849	507.48	-0.5914	516.50	-0.7948	495.69
0.5459	936.74	0.6970						-0.3888	509.56	-0.5944	529.39	-0.7978	500.51
0.5481	951.08	0.6992	811.06	0.8503	699.17	-0.1121	508.19					-0.8008	505.22
0.5503	949.92	0.7014	809.11	0.8525	700.72	-0.1185	501.20	-0.3927	506.09	-0.5974	510.45		
0.5525	951.63	0.7036	812.16	0.8547	700.75	-0.1248	492.42	-0.3966	507.35	-0.6003	518.57	-0.8038	509.99
0.5547	955.65	0.7058	808.25	0.8569	698.43	-0.1312	484.89	-0.4005	502.05	-0.6033	512.00	-0.8068	504.74
				0.8592	694.86	-0.1376		-0.4043	502.26	-0.6063	509.02	-0.8098	511.23
0.5570	956.42	0.7081	799.19					-0.4059	492.97	-0.6093	508.87	-0.8127	502.88
0.5592	964.11	0.7103	798.88	0.8614	700.13	-0.1439						-0.8157	496.71
0.5614	968.23	0.7125	800.86	0.8636	698.70	-0.1478	481.54	-0.4089	483.28	-0.6123	506.70		
0.5636	962.52	0.7147	802.04	0.8658	697.64	-0.1517	481.51	-0.4119	478.75	-0.6153	516.98	-0.8187	485.89
0.5658	965.17	0.7170	799.45	0.8681	694.88	-0.1556	482.39	-0.4149	457.22	-0.6183	493.86	-0.8217	486.58
				0.8703	700.64	-0.1595	482.90	-0.4179	496.71	-0.6213	491.70	-0.8247	484.26
0.5681	969.86	0.7192	794.62				404.00	-0.4209	555.71	-0.6243	500.30	-0.8277	485.17
0.5703	973.26	0.7214	786.67	0.8725	701.03	-0.1634	484.82				530.36	-0.8307	485.88
0.5725	970.62	0.7236	788.13	0.8747	698.64	-0.1672	486.72	-0.4238	542.93	-0.6273			
0.5747	966.78	0.7258	789.12	0.8769	700.83	-0.1711	485.21	-0.4268	546.33	-0.6303	518.19	-0.8337	503.68
		0.7281	787.36	0.8792	701.97	-0.1750		-0.4298	575.08	-0.6333	543.72	-0.8367	508.10
0.5770	969.90				700.14			-0.4328	518.54	-0.6362	550.04	-0.8397	507.10
0.5792		0.7303	783.52	0.8814		-0.1789			538.53	-0.6392	514.63	-0.8427	490.67
0.5814	961.31	0.7325	777.59	0.8836	701.98	-0.1828		-0.4358				-0.8457	509.25
	959.14	0.7347	781.34	0.8858	701.84	-0.1867		-0.4388	513.24	-0.6422	522.94		
0.5858	956.94	0.7370	776.73	0.8881	703.80	-0.1906		-0.4418	463.40	-0.6452	546.17	-0.8486	513.56
	955.28	0.7392	774.21	0.8903	710.10	-0.1944	482.45	-0.4448	454.65	-0.6482	567.97	-0.8516	508.29
0.5881					709.88			-0.4478	461.74	-0.6512	548.02	-0.8546	514.46
0.5903	953.16	0.7414	772.84	0.8925		-0.1983			463.08	-0.6542	547.36	-0.8576	509.99
0.5925	949.12	0.7436	772.78	0.8947	708.87	-0.2022		-0.4508				-0.8606	495.54
0.5947	943.47	0.7458	768.98	0.8969		-0.2061	489.03	-0.4538	498.02	-0.6572	537.40		
0.5970		0.7481	762.86	0.8992	719.51	-0.2100	487.12	-0.4568	504.06	-0.6602	560.98	-0.8636	495.74
		0.7503	763.07	0.9014	719.47	-0.2139		-0.4597	548.39	-0.6632	544.93	-0.8666	492.02
0.5992								-0.4627	548.10	-0.6662	505.36	-0.8696	495.45
0.6014		0.7525		0.9036		-0.2178			553.99	-0.6692		-0.8726	
0.6036	936.25	0.7547	761.91	0.9058	729.25	-0.2217	488.83	-0.4657	JJJ.77	-0.0072	V17.7/	J.U/ 2U	.,,

494.33	0.1071	680.63	0.2302	545.21	0.4903	842.46	0.6414	888.72	0.7925	404.30	0.0434	973.04
5 501.62	0.1089	670.10	0.2334									
5 510.04	0.1107	661.86	0.2366									
5 504.82	0.1125	659.48	0.2398	547.10	0.4970	_						
5 507.69	0.1143	651.80										
498.18	0.1161	644.49	0.2461	542.51								
500.65	0.1178	640.15										
501.26	0.1196	641.39										
5 504.31	0.1214	639.38									0.7072	1113.30
503.62	0.1232	637.63									V/51	Nu
501.04	0.1250	633.04										
504.54	0.1268	629.46										
510.54	0.1285	630.85							0.8102	608 02		
510.95	0.1303	626.81									-0.0394	967.37
510.98	0.1321	621.38	0.2749									872.88
511.96	0.1339	612.17	0.2781									791.89
515.97	0.1357	610.75	0.2813	541.38								724.73
524.57	0.1375	616.50	0.2845	539.26	0.5281							659.55
523.97	0.1392	626.58	0.2877		0.5303							655.98
526.64	0.1410	636.67	0.2909									654.15
	0.1428	617.02	0.3836	675.63	0.5347	946.04		808.13				521.70
	0.1446	629.21	0.3859	680.06	0.5370	956.23						521.34
	0.1464	607.51	0.3881	681.43	0.5392	958.06						581.95
	0.1482	600.73	0.3903	684.42	0.5414	962.10						513.82
545.28	0.1499	620.77	0.3925	690.86	0.5436	966.74						565.95
	0.1553	594.77	0.3947	695.65	0.5459	963.73						482.80
	0.1571		0.3970	699.46	0.5481	970.96	0.6992			708.42		482.43
					0.5503	980.89	0.7014			711.33		499.07
					0.5525	979.13	0.7036	785.03	0.8547	709.23		483.06
			0.4036	708.52	0.5547	978.76	0.7058	780.86	0.8569			490.59
				711.53		976.28	0.7081	773.54	0.8592	714.26		491.71
							0.7103	773.93	0.8614	715.72	-0.1416	484.91
585.32										716.96	-0.1451	486.91
											-0.1486	488.34
E _ Nu											-0.1521	490.40
- 140	0.1/31	3/9.93	0.4170	/21.03	U.308 I	9/0.30	0.7192	767.97	0.8703	731.21	_O 155A	499.32
	0.1770		0.4102			077.40	0.7014	747 24				
Nu	0.1749	582.60	0.4192	723.52	0.5703	977.69	0.7214	767.36	0.8725	729.88	-0.1592	499.51
Nu 1352.18	0.1767	582.60 577.70	0.4214	723.52 722.51	0.5703 0.5725	970.00	0.7236	755.40	0.8725 0.8747	729.88 734.78	-0.1592 -0.1627	499.51 496.81
Nu 1352.18 1392.65	0.1767 0.1785	582.60 577.70 577.05	0.4214 0.4236	723.52 722.51 726.11	0.5703 0.5725 0.5747	970.00 974.12	0.7236 0.7258	755.40 756.29	0.8725 0.8747 0.8769	729.88 734.78 741.79	-0.1592 -0.1627 -0.1662	499.51 496.81 487.74
1352.18	0.1767 0.1785 0.1802	582.60 577.70 577.05 576.45	0.4214 0.4236 0.4259	723.52 722.51 726.11 733.15	0.5703 0.5725 0.5747 0.5770	970.00 974.12 975.44	0.7236 0.7258 0.7281	755.40 756.29 752.49	0.8725 0.8747 0.8769 0.8792	729.88 734.78 741.79 750.53	-0.1592 -0.1627 -0.1662 -0.1697	499.51 496.81 487.74 493.59
1352.18 1392.65	0.1767 0.1785	582.60 577.70 577.05	0.4214 0.4236	723.52 722.51 726.11 733.15 740.04	0.5703 0.5725 0.5747 0.5770 0.5792	970.00 974.12 975.44 964.94	0.7236 0.7258 0.7281 0.7303	755.40 756.29 752.49 747.69	0.8725 0.8747 0.8769 0.8792 0.8814	729.88 734.78 741.79 750.53 747.82	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733	499.51 496.81 487.74 493.59 495.32
1352.18 1392.65 1379.50	0.1767 0.1785 0.1802 0.1820	582.60 577.70 577.05 576.45 578.24	0.4214 0.4236 0.4259 0.4281	723.52 722.51 726.11 733.15 740.04 742.24	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814	970.00 974.12 975.44 964.94 960.33	0.7236 0.7258 0.7281 0.7303 0.7325	755.40 756.29 752.49 747.69 743.95	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836	729.88 734.78 741.79 750.53 747.82 752.56	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768	499.51 496.81 487.74 493.59 495.32 494.73
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25	0.5703 0.5725 0.5747 0.5770 0.5792	970.00 974.12 975.44 964.94	0.7236 0.7258 0.7281 0.7303	755.40 756.29 752.49 747.69	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858	729.88 734.78 741.79 750.53 747.82 752.56 757.72	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803	499.51 496.81 487.74 493.59 495.32 494.73 496.46
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836	970.00 974.12 975.44 964.94 960.33 958.29	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347	755.40 756.29 752.49 747.69 743.95 737.63	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836	729.88 734.78 741.79 750.53 747.82 752.56	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370	755.40 756.29 752.49 747.69 743.95 737.63 741.65	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81 580.22	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81 580.22 581.06	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8903 0.8925 0.8947 0.8969 0.8992	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81 580.22 581.06 577.85	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.8992 0.9014	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 768.21 774.02 778.27 789.39 797.34	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999	582.60 577.70 577.05 576.45 578.24 577.46 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.44503	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.8992 0.9014 0.9036	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 774.02 778.27 789.39 797.34 804.74	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2085	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.44503 0.4525	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7547	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036 0.9058	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02 778.27 789.39 797.34 804.74 809.05	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2085 -0.2120	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016 0.2034	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86 569.20	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.4503 0.4525 0.4547	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5981 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.64 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036 0.9058 0.9081	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 778.27 789.39 797.34 804.74 809.05 812.99	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2085 -0.2120 -0.2155	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.26 503.94 507.65
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016 0.2034 0.2052	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86 569.20 568.83	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.4503 0.4525 0.4547 0.4570	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9036 0.9058 0.9058	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2085 -0.2120 -0.2155 -0.2191	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.26 503.94 507.65 501.85
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016 0.2034 0.2052 0.2070	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86 569.20 568.83 570.20	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 788.81	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.6036 0.6058 0.6058 0.6081 0.6103	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 926.09	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9036 0.9058 0.9081 0.9103 0.9125	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2085 -0.2120 -0.2155 -0.2191 -0.2226	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.26 503.94 507.65 501.85 504.42
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016 0.2034 0.2052 0.2070 0.2088	582.60 577.70 577.05 576.45 578.24 577.46 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86 569.20 568.83 570.20 569.60	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 788.81 793.33	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5903 0.5925 0.5947 0.5970 0.6036 0.6058 0.6058 0.6081 0.6103 0.6125	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 926.09 924.28	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46 711.54	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9036 0.9036 0.9058 0.9081 0.9103 0.9125 0.9147	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13 840.50	-0.1592 -0.1627 -0.1662 -0.1697 -0.1738 -0.1803 -0.1803 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2050 -0.2120 -0.2120 -0.2155 -0.2191 -0.2226 -0.2261	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.26 503.94 507.65 501.85 504.42 497.08
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00 787.34	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016 0.2034 0.2052 0.2070 0.2088 0.2106	582.60 577.70 577.05 576.45 578.24 577.46 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86 569.20 569.80 569.80 569.60 568.83	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 783.74 786.88 783.33 797.96	0.5703 0.5725 0.5747 0.5770 0.5792 0.5836 0.5836 0.5888 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6058 0.6058 0.6103 0.6125 0.6147	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 926.09 924.28 925.45	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7525 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46 711.54 712.44	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.9036 0.9058 0.9058 0.9081 0.9103 0.9125 0.9147 0.9169	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02 778.27 789.39 797.34 809.05 812.99 821.19 831.13 840.50 841.96	-0.1592 -0.1627 -0.1662 -0.1697 -0.1738 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2120 -0.2120 -0.2125 -0.2191 -0.2226 -0.2261 -0.2296	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.26 503.94 507.65 501.85 501.85 504.42 497.08 509.91
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00 787.34 773.68	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016 0.2034 0.2052 0.2070 0.2088 0.2106 0.2123	582.60 577.70 577.05 576.45 578.24 577.46 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86 569.20 568.83 569.20 568.83 569.60 568.43 565.57	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4525 0.4547 0.4570 0.4570 0.4592 0.4614 0.4636 0.4659	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 788.81 793.33 797.96 799.26	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5888 0.5881 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058 0.6103 0.6125 0.6147 0.6170	970.00 974.12 975.44 964.94 960.33 958.29 952.23 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 929.17 929.17 929.15 929.17 929.26	0.7236 0.7258 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570 0.7570 0.7592 0.7614 0.7636 0.7658 0.7681	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46 711.54 712.44 709.41	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.8992 0.9014 0.9036 0.9058 0.9081 0.9125 0.9147 0.9169 0.9192	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13 840.50 841.96 850.97	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2085 -0.2120 -0.2155 -0.2155 -0.2151 -0.2226 -0.2261 -0.2296 -0.2332	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.26 503.94 507.65 501.85 504.85 504.91 505.91
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00 787.34 773.68 758.71	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016 0.2034 0.2052 0.2070 0.2088 0.2106 0.2123 0.2141	582.60 577.70 577.05 576.45 578.24 577.46 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86 569.20 568.83 569.20 568.83 569.60 568.43 565.57 562.44	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4457 0.4570 0.4570 0.4570 0.4636 0.4659 0.4681	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 788.81 793.33 797.96 799.26 802.12	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5888 0.5888 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058 0.6125 0.6147 0.6170 0.6192	970.00 974.12 975.44 964.94 960.33 958.29 952.23 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 926.09 924.28 925.45 922.60 918.09	0.7236 0.7258 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7592 0.7614 0.7636 0.7658 0.7658 0.7681 0.7703	755.40 756.29 752.49 747.69 743.95 737.63 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 711.54 711.54 712.44 709.41	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.8969 0.8992 0.9014 0.9036 0.9058 0.9081 0.9125 0.9147 0.9169 0.9192 0.9214	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13 840.50 841.96 850.97 858.74	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.2015 -0.2050 -0.2050 -0.2155 -0.2120 -0.2155 -0.2191 -0.2226 -0.2261 -0.2296 -0.2332 -0.2367	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.65 501.85 501.85 504.42 497.08 509.91 501.06 516.45
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00 787.34 773.68 758.71 748.38	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.2034 0.2052 0.2034 0.2052 0.2070 0.2088 0.2106 0.2123 0.2141 0.2159	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86 569.20 568.83 579.20 568.83 579.20 568.43 565.57 562.44 561.80	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4457 0.4570 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 783.74 793.33 797.96 799.26 802.12 809.71	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058 0.6103 0.6125 0.6147 0.6170 0.6192 0.6214	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 926.09 924.28 925.45 921.60 918.09 918.46	0.7236 0.7258 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7592 0.7614 0.7636 0.7658 0.7681 0.7703 0.7725	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46 711.54 712.44 709.41 709.45 705.08	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8903 0.8925 0.8947 0.8969 0.9014 0.9036 0.9058 0.9058 0.9125 0.9147 0.9169 0.9192 0.9214 0.9236	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13 840.50 841.96 850.97 858.74 867.57	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2055 -0.2120 -0.2155 -0.2191 -0.2226 -0.2261 -0.2296 -0.2332 -0.2367 -0.2402	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.65 501.85 501.85 501.85 504.42 497.08 509.91 501.06 516.45 502.82
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00 787.34 773.68 758.71 748.38 738.54	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.2034 0.2052 0.2070 0.2038 0.2106 0.2123 0.2159 0.2159	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 576.81 580.22 581.06 577.85 575.60 569.86 569.20 568.83 570.20 568.83 570.20 568.43 565.57 562.44 561.80 559.83	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4459 0.4459 0.4457 0.4570 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 788.81 793.33 779.96 799.26 802.12 809.71 812.27	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6081 0.6103 0.6125 0.6147 0.6170 0.6192 0.6214 0.6236	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 926.09 924.28 925.45 922.60 918.09 918.46 912.10	0.7236 0.7258 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7370 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7658 0.7658 0.7703 0.7725 0.7747	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46 711.54 712.44 709.41 709.45 705.08 709.52	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8925 0.8947 0.8969 0.8992 0.9014 0.9036 0.9058 0.9081 0.9103 0.9125 0.9147 0.9169 0.9192 0.9214 0.9236 0.9258	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13 840.50 841.96 850.97 858.74 867.57 886.86	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1979 -0.2015 -0.2050 -0.2050 -0.2120 -0.2155 -0.2191 -0.2226 -0.2261 -0.2296 -0.2332 -0.2367 -0.2402 -0.2437	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.65 501.85 501.85 504.42 497.08 509.91 501.06 516.45 502.82 506.93
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00 787.34 773.68 758.71 748.38 738.54 728.76	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.2052 0.2070 0.2088 0.2106 0.2131 0.2159 0.2159 0.2177 0.2195	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 580.22 581.06 577.85 575.60 569.86 569.80 569.80 568.83 570.20 568.43 565.57 562.44 561.80 559.83 557.34	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4459 0.4459 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4747	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 788.81 793.33 797.96 799.26 802.12 809.71 812.27 815.49	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5983 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6103 0.6125 0.6147 0.6170 0.6192 0.6214 0.6236 0.6258	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 926.09 924.28 925.45 925.45 925.45 918.09 918.46 912.10	0.7236 0.7258 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7658 0.7658 0.7703 0.7725 0.7747 0.7770	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46 711.54 712.44 709.45 709.45 709.52 707.72	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8925 0.8947 0.8969 0.8992 0.9014 0.9036 0.9058 0.9103 0.9125 0.9147 0.9169 0.9192 0.9214 0.9236 0.9258 0.9281	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 768.21 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13 840.50 841.96 850.97 858.74 867.57 886.86 898.66	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2055 -0.2120 -0.2155 -0.2191 -0.2226 -0.2261 -0.2296 -0.2332 -0.2367 -0.2402 -0.2437 -0.2473	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.26 503.94 507.65 501.85 504.42 497.08 509.91 501.06 516.45 502.82 506.93 507.97
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00 787.34 773.68 758.71 748.38 738.54 728.76 721.13	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016 0.2034 0.2052 0.2070 0.2088 0.2106 0.2123 0.2141 0.2159 0.2177 0.2195 0.2212	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 580.22 581.06 577.85 575.60 569.86 569.20 568.83 570.20 569.60 568.43 565.57 561.80 559.83 557.34 557.38	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4459 0.4459 0.4450 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4659 0.4681 0.4703 0.4725 0.4747 0.4770	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 788.81 793.33 797.96 799.26 802.12 809.71 812.27 815.49 819.07	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5983 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6125 0.6147 0.6170 0.6192 0.6214 0.6236 0.6258 0.6258	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 924.28 925.45 922.60 918.09 918.46 912.10 906.71 904.82	0.7236 0.7258 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7658 0.7658 0.7703 0.7703 0.7725 0.7747 0.7770	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.24 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46 711.54 712.44 712.44 712.44 719.41 709.45 705.08 709.52 707.72 706.28	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8858 0.8925 0.8947 0.8969 0.8992 0.9014 0.9036 0.9058 0.9103 0.9125 0.9147 0.9169 0.9214 0.9236 0.9258 0.9258 0.9281 0.9281	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 768.21 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13 840.50 841.96 850.97 858.74 867.57 886.86 992.94	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.2015 -0.2050 -0.2050 -0.2055 -0.2120 -0.2155 -0.2191 -0.2226 -0.2261 -0.2296 -0.2367 -0.2402 -0.2437 -0.2473 -0.2508	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 505.63 504.19 507.26 503.94 507.65 501.85 504.42 497.08 509.91 501.06 516.45 502.82 506.93 507.97 508.30
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00 787.34 773.68 758.71 748.38 758.71 748.38 738.54 728.76 721.13 714.03	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.1999 0.2016 0.2034 0.2052 0.2070 0.2088 0.2106 0.2123 0.2141 0.2159 0.2177 0.2195 0.2230	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 580.22 581.06 577.85 575.60 569.86 569.80 569.80 569.80 568.83 570.20 569.60 568.43 550.57 562.44 551.80 559.83 557.34 557.38 557.38	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4451 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4659 0.4681 0.4703 0.4725 0.4747 0.4770 0.4792	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 783.74 786.88 789.33 797.96 799.26 802.12 809.71 812.27 815.49 819.07 821.80	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5993 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058 0.6125 0.6147 0.6170 0.6170 0.6170 0.6236 0.6258 0.6258 0.6281 0.6303	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 926.09 924.28 925.45 922.60 918.09 918.46 912.10 906.71 904.82 908.02	0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7658 0.7681 0.7703 0.7725 0.7747 0.7770 0.7792 0.7814	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.64 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46 711.54 712.44 709.41 709.45 705.08 709.52 707.72 706.28 703.93	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.9014 0.9036 0.9058 0.9058 0.9169 0.9169 0.9169 0.9192 0.9214 0.9236 0.9258 0.9258 0.9258 0.9258 0.9258	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13 840.50 841.96 850.97 858.74 867.57 886.86 912.94 919.64	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.2015 -0.2050 -0.2055 -0.2120 -0.2155 -0.2191 -0.2226 -0.2261 -0.2296 -0.2367 -0.2402 -0.2437 -0.2473 -0.2508 -0.2543	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 505.63 504.19 507.26 503.94 507.65 501.85 504.42 497.08 509.91 501.06 501.06 502.82 506.93 507.97 508.30 511.46
1352.18 1392.65 1379.50 1269.61 1088.33 1059.08 1014.44 1006.87 976.94 962.99 927.75 898.07 883.33 862.66 842.92 822.16 812.47 800.00 787.34 773.68 758.71 748.38 758.71 748.38 758.71 748.38 758.71 748.38 758.71 748.38 758.71 748.38	0.1767 0.1785 0.1802 0.1820 0.1838 0.1856 0.1874 0.1892 0.1909 0.1927 0.1945 0.1963 0.1981 0.2052 0.2070 0.2034 0.2052 0.2070 0.2088 0.2106 0.2123 0.2123 0.2159 0.2177 0.2175 0.2230 0.2248	582.60 577.70 577.05 576.45 578.24 577.46 577.56 577.23 574.19 575.41 580.22 581.06 577.85 575.60 569.86 569.20 568.83 570.20 568.43 565.57 562.44 559.83 559.83 557.34 557.38 558.18 556.16	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4451 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4725 0.4770 0.4792 0.4792 0.4814	723.52 722.51 726.11 733.15 740.04 742.24 745.58 752.25 756.16 760.79 765.36 770.23 772.09 775.58 780.52 782.08 783.74 786.88 783.74 786.88 783.33 797.96 799.26 809.71 812.27 815.49 819.07 821.80 826.53	0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881 0.5993 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6058 0.6125 0.6147 0.6170 0.6125 0.6147 0.6170 0.6125 0.6258 0.6281 0.6303 0.6325	970.00 974.12 975.44 964.94 960.33 958.29 952.23 945.32 944.26 941.41 940.06 937.16 937.92 935.51 931.78 929.17 928.52 926.09 924.28 925.45 922.60 918.09 918.46 912.10 906.71 904.82 908.02 907.13	0.7236 0.7258 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7681 0.7703 0.7725 0.7747 0.7792 0.77147 0.7792 0.7814 0.7836	755.40 756.29 752.49 747.69 743.95 737.63 741.65 741.64 737.03 733.60 732.31 731.09 729.02 723.54 720.26 722.24 721.53 718.46 711.54 712.44 709.41 709.45 705.08 709.52 707.72 706.28 703.93 703.27	0.8725 0.8747 0.8769 0.8792 0.8814 0.8836 0.8858 0.8881 0.8903 0.8925 0.8947 0.9036 0.9058 0.9058 0.9125 0.9147 0.9169 0.9192 0.9214 0.9236 0.9258 0.9258 0.9258 0.9258 0.9258 0.9258 0.9258 0.9258 0.9258 0.9258 0.9325 0.9347	729.88 734.78 741.79 750.53 747.82 752.56 757.72 764.50 763.45 768.21 774.02 778.27 789.39 797.34 804.74 809.05 812.99 821.19 831.13 840.50 841.96 850.97 858.74 867.57 886.86 8912.94 919.64 921.90	-0.1592 -0.1627 -0.1662 -0.1697 -0.1733 -0.1768 -0.1803 -0.1838 -0.1874 -0.1909 -0.1944 -0.1979 -0.2015 -0.2050 -0.2085 -0.2120 -0.2155 -0.2191 -0.2226 -0.2261 -0.2296 -0.2332 -0.2367 -0.2402 -0.2437 -0.2403 -0.2508 -0.2508 -0.2533 -0.2578	499.51 496.81 487.74 493.59 495.32 494.73 496.46 495.51 494.34 492.40 512.82 494.70 505.63 504.19 507.65 501.85 504.42 497.08 509.91 501.06 516.45 502.82 506.93 507.97 508.30 511.46 512.59
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	501.62 510.04 504.82 507.69 498.18 500.65 501.26 501.26 501.04 504.54 510.54 510.59 510.98 511.96 515.97 524.57 523.97 526.64	5 501.62 0.1089 5 510.04 0.1107 5 510.04 0.1125 5 504.82 0.1143 6 507.69 0.1143 6 507.69 0.1178 6 501.26 0.1176 6 501.26 0.1196 6 503.62 0.1232 6 501.04 0.1268 510.54 0.1285 0.1303 510.95 0.1303 510.98 0.1321 511.96 0.1339 515.97 0.1357 524.57 0.1357 524.57 0.1375 523.97 0.1392 0.140 535.36 0.140 0.1428 535.36 0.1446 535.58 0.1464 535.37 0.153 553.87 0.1571 557.20 0.1589 564.08 0.1606 569.65 0.1642 572.27 0.1642 572.27 0.1642 572.27 0.1660	6 501.62 0.1089 670.10 6 510.04 0.1107 661.86 6 504.82 0.1125 659.48 6 507.69 0.1143 651.80 6 498.18 0.1161 644.49 6 501.26 0.1178 640.15 6 501.26 0.1196 641.39 6 501.26 0.1214 639.38 6 504.31 0.1250 633.04 6 504.54 0.1268 629.46 510.54 0.1285 630.85 510.95 0.1303 626.81 510.98 0.1321 621.38 511.96 0.1339 612.17 515.97 0.1375 616.50 523.97 0.1375 616.50 532.397 0.1392 626.58 524.57 0.1375 616.50 535.36 0.1446 607.51 542.38 0.1428 617.02 535.387	6 501.62 0.1089 670.10 0.2332 6 510.04 0.1107 661.86 0.2366 6 504.82 0.1125 659.48 0.2398 6 507.69 0.1143 651.80 0.2493 6 498.18 0.1161 644.49 0.2461 6 500.65 0.1178 640.15 0.2493 6 501.26 0.1196 641.39 0.2525 6 503.62 0.1232 637.63 0.2589 6 501.04 0.1250 633.04 0.2621 6 504.54 0.1286 629.46 0.2653 6 510.95 0.1303 626.81 0.2717 510.98 0.1321 621.38 0.2749 511.96 0.1339 612.17 0.2781 515.97 0.1357 616.50 0.2845 524.57 0.1375 616.50 0.2845 523.97 0.1392 626.58 0.2877 <	5 501.62 0.1089 670.10 0.2334 547.06 5 510.04 0.1107 661.86 0.2366 549.05 5 504.82 0.1125 659.48 0.2398 547.10 6 507.69 0.1143 651.80 0.2430 546.24 6 498.18 0.1161 644.49 0.2461 542.51 6 501.26 0.1178 640.15 0.2493 542.76 6 501.26 0.1196 641.39 0.2525 544.81 6 501.26 0.1196 641.39 0.2525 544.81 6 503.62 0.1232 637.63 0.2589 548.84 6 501.04 0.1268 629.46 0.2653 548.24 510.54 0.1285 630.85 0.2685 545.09 510.95 0.1303 626.81 0.2717 542.54 510.98 0.1321 621.38 0.2749 542.18 511.96 0.	5 501.62 0.1089 670.10 0.2334 547.06 0.4925 510.04 0.1107 661.86 0.2366 549.05 0.4947 65 504.82 0.1125 659.48 0.2398 547.10 0.4970 650.65 0.1143 651.80 0.2430 546.24 0.4992 65 507.69 0.1143 651.80 0.2441 542.51 0.5014 65 500.65 0.1178 640.15 0.2493 542.76 0.5036 6501.26 0.1196 641.39 0.2555 544.81 0.5059 6504.31 0.1214 639.38 0.2557 546.06 0.5081 6503.62 0.1232 637.63 0.2589 548.84 0.5103 6501.04 0.1250 633.04 0.2621 549.24 0.5125 6504.54 0.1268 629.46 0.2653 548.24 0.5147 610.55 0.1303 626.81 0.2717 542.54 0.5192 610.59 0.1303 626.81 0.2717 542.54 0.5192 610.59 0.1303 626.81 0.2717 542.54 0.5192 610.59 0.1339 612.17 0.2781 540.18 0.5236 515.97 0.1357 610.75 0.2813 541.38 0.5259 524.57 0.1375 616.50 0.2845 539.26 0.5281 533.41 0.1428 617.02 0.3836 675.63 0.5347 535.36 0.1446 629.21 0.3886 675.63 0.5347 535.36 0.1446 629.21 0.3886 675.63 0.5347 553.36 0.1482 600.73 0.3893 684.42 0.5414 545.28 0.1499 620.77 0.3925 690.86 0.5370 553.87 0.1571 591.41 0.3970 699.46 0.5481 557.20 0.1589 589.01 0.3992 700.19 0.5503 564.08 0.1606 586.29 0.4014 704.07 0.5525 559.25 0.1624 583.97 0.4036 708.52 0.5547 572.27 0.1642 583.97 0.4036 708.52 0.5547 572.27 0.1642 583.97 0.4036 708.52 0.5547 572.27 0.1660 585.13 0.4081 713.56 0.5592 585.32 0.1678 581.09 0.4103 717.72 0.5614 0.1695 579.28 0.4125 718.36 0.5681 0.5681 0.1713 576.53 0.4147 720.38 0.5681	6 501.62 0.1089 670.10 0.2334 547.06 0.4925 846.63 6 510.04 0.1107 661.86 0.2366 549.05 0.4947 849.93 6 504.82 0.1125 659.48 0.2398 547.10 0.4970 853.94 6 507.69 0.1143 651.80 0.2430 546.24 0.4992 860.53 6 507.69 0.1148 640.15 0.2493 542.76 0.5036 872.47 6 500.65 0.1178 640.15 0.2493 542.76 0.5036 872.47 6 501.26 0.1196 641.39 0.2525 544.81 0.5059 876.79 6 501.24 0.1250 633.04 0.2525 548.84 0.5103 886.77 6 501.24 0.1250 633.04 0.2621 549.24 0.5125 890.79 6 504.50 0.1285 630.85 0.2653 548.24 0.5147 896.14	6 501.62 0.1089 670.10 0.2334 547.06 0.4925 846.63 0.6436 6 510.04 0.1107 661.86 0.2366 549.05 0.4947 849.93 0.6458 6 504.82 0.1125 659.48 0.2398 547.10 0.4970 853.94 0.6481 6 507.69 0.1143 651.80 0.2430 546.24 0.4992 860.53 0.6503 6 500.65 0.1178 640.15 0.2493 542.76 0.5036 872.47 0.6547 6 501.26 0.1196 641.39 0.2525 544.81 0.5059 876.79 0.6570 6 504.31 0.1214 639.38 0.2587 546.06 0.5081 880.83 0.6592 503.62 0.1235 633.04 0.2621 549.24 0.5125 890.79 0.6636 510.54 0.1286 630.85 0.2685 545.09 0.5170 902.73 0.6681	5 501.62 0.1089 670.10 0.2334 547.06 0.4925 846.63 0.6436 886.74 6 510.04 0.1107 661.86 0.2366 549.05 0.4947 849.93 0.6458 878.08 6 504.82 0.1125 659.48 0.2398 547.10 0.4970 853.94 0.6481 872.16 6 507.69 0.1143 651.80 0.2393 546.24 0.4992 860.53 0.6503 869.61 6 503.69 0.1178 640.15 0.2493 542.51 0.5014 864.96 0.6525 865.18 501.26 0.1196 641.39 0.2525 544.81 0.5005 872.47 0.6547 865.12 503.62 0.1232 637.63 0.2589 548.84 0.5103 886.77 0.6614 853.27 501.04 0.1256 633.04 0.2621 549.24 0.5125 890.79 0.6636 850.46 504.54 0.1285	6 501.62 0.1089 670.10 0.2334 547.06 0.4925 846.63 0.6436 886.74 0.7947 6 510.04 0.1107 661.86 0.2336 549.05 0.4947 849.93 0.6458 878.08 0.7969 6 504.82 0.11125 659.48 0.2398 547.10 0.4970 853.94 0.6481 872.16 0.7992 6 507.69 0.1143 651.80 0.2430 546.24 0.4992 860.53 0.6503 869.61 0.8014 6 501.26 0.11178 640.15 0.2493 542.76 0.5036 872.47 0.6547 861.73 0.8088 6 501.26 0.11196 641.39 0.2525 544.81 0.5059 876.79 0.6570 854.70 0.8081 501.26 0.11196 641.39 0.2525 544.81 0.5059 876.79 0.6526 851.30 0.8181 501.26 0.1126 633.04 0.2521	6 501.62 0.1089 670.10 0.2334 547.06 0.4925 846.63 0.6436 886.74 0.7947 698.10 5 510.04 0.1107 661.86 0.2396 549.05 0.4947 849.93 0.6458 878.08 0.7969 702.34 5 507.69 0.1143 651.80 0.2398 547.10 0.4970 853.94 0.6481 872.16 0.7969 702.34 5 507.69 0.11143 651.80 0.2340 546.24 0.4992 860.53 0.6503 869.61 0.8014 697.93 5 501.26 0.1178 640.15 0.2493 542.76 0.5036 872.47 0.6547 861.73 0.8006 695.09 501.24 0.11786 641.39 0.2555 544.81 0.5059 876.79 0.6547 861.73 0.8081 701.49 501.31 0.1214 639.38 0.2557 544.84 0.5103 880.33 0.6592 851.30 0.8103	5 501.62 0.1089 670.10 0.2334 547.06 0.4925 846.63 0.6436 886.74 0.7947 698.10 0.9458 0.945 5 510.04 0.11107 661.86 0.2366 549.05 0.4947 849.93 0.6458 878.08 0.7969 702.34 0.9481 0.9481 5 504.82 0.1125 659.48 0.2398 547.10 0.4970 853.94 0.6481 872.16 0.7969 702.34 0.9503 0.9525 5 507.69 0.1143 651.80 0.2430 546.24 0.4992 860.53 0.6503 869.61 0.8014 667.93 0.9525 0.9526 5 500.65 0.1178 640.15 0.2493 542.76 0.5018 864.96 0.6528 865.18 0.8036 695.09 0.9547 0.9526 5 501.26 0.1196 641.39 0.2525 544.81 0.5059 876.79 0.6570 851.30 0.8103 701.47 0.9525 0.9569 5 503.62 0.1232 637.63 0.2589 5488 40 0.5103 880.83 0.6570 851.30 0.8103 701.92 5 504.54 0.1286 630.85 0.2658 549.05 0.5018 880.83 0.6570 851.30 0.8103 701.92 5 504.54 0.1286 630.85 0.2658 548.09 0.5177 902.73 0.6636 850.46 0.81147 696.62 0.0223 5 50.454

0.0730	400 E1	-0.4986	455.07	-0.7021	487.96	-0.9055 533.75	0.1168	529.30	0.4125	430.55	0.5636	379.87
-0.2719	499.51		+ .					635.64	0.4147	428.88	0.5658	378.49
-0.2755	497.56	-0.5016	449.30	-0.7051	497.13	-0.9085 540.65	-					
-0.2790	499.02	-0.5046	451.51	-0.7080	483.30	-0.9115 543.40		541.40	0.4170	424.88	0.5681	378.38
-0.2825	499.60	-0.5076	453.71	-0.7110	497.13	-0.9145 551.49	0.1244	523.64	0.4192	420.90	0.5703	377.73
-0.2860	499.58	-0.5106	457.66	-0.7140	483.75	-0.9174 554.60	0.1269	507.18	0.4214	416.69	0.5725	377.11
								619.60	0.4236	413.31	0.5747	375.90
-0.2895	498.38	-0.5136	482.08	-0.7170	482.87	-0.9204 562.86						380.67
-0.2931	499.84	-0.5166	478.54	-0.7200	516.81	-0.9234 570.22		500.07	0.4259	410.31	0.5770	
-0.2966	497.92	-0.5196	481.17	-0.7230	474.82	-0.9264 574.72	0.1344	595.72	0.4281	407.42	0.5792	378.43
-0.3001	506.69	-0.5226	475.59	-0.7260	484.03	-0.9294 580.25	0.1370	617.58	0.4303	404.64	0.5814	379.12
				-0.7290	477.16	-0.9324 600.67		626.59	0.4325	401.47	0.5836	377.00
-0.3036	496.96	-0.5256	501.54								0.5858	381.93
-0.3072	496.37	-0.5286	484.84	-0.7320	480.10	-0.9354 607.44		666.68	0.4347	399.77		
-0.3107	494.47	-0.5315	479.09	-0.7350	490.61	-0.9384 617.18		677.22	0.4370	398.65	0.5881	382.35
-0.3142	494.64	-0.5345	482.96	-0.7380	489.65	-0.9414 613.51	0.1470	632.94	0.4392	396.59	0.5903	383.25
-0.3177		-0.5375	478.45	-0.7409	488.39	-0.9444 620.57		632.62	0.4414	396.23	0.5925	381.80
	494.33					•		591.12	0.4436	395.72	0.5947	382.71
-0.3213	493.81	-0.5405	481.95	-0.7439	497.36							
-0.3248	494.89	-0.5435	465.83	-0.7469	495.82	-0.9504 639.03		631.39	0.4459	395.13	0.5970	386.03
-0.3283	495.68	-0.5465	479.67	-0.7499	467.34	-0.9533 649.99	0.1571	628.25	0.4481	393.40	0.5992	397.71
-0.3318	494.72	-0.5495	490.47	-0.7529	466.68	-0.9563 662.28	0.1596	611.52	0.4503	391.98	0.6014	387.53
				-0.7559	465.99	-0.9593 666.08		572.50	0.4525	390.28	0.6036	396.32
-0.3354	492.95	-0.5525	491.80				0.1021	597.35	0.4547	389.09	0.6058	394.62
-0.3389	491.29	-0.5555	495.76	-0.7589	477.64	-0.9623 679.63	0.1647	597.33				
-0.3424	489.22	-0.5585	517.37	-0.7619	474.89	-0.9653 688.56		591.38	0.4570	387.94	0.6081	403.18
-0.3459	487.65	-0.5615	502.14	-0.7649	475.06	-0.9683 706.12	0.1697	590.13	0.4592	387.09	0.6103	398.91
-0.3494	486.60	-0.5645	514.57	-0.7679	463.43	-0.9713 727.45		566.10	0.4614	385.84	0.6125	400.26
				-0.7709		-0.7710 727.40		571.37	0.4636	385.84	0.6147	407.31
-0.3530	487.19	-0.5674	520.47		465.86							419.02
-0.3565	488.56	-0.5704	557.06	-0.7739	464.62			566.46	0.4659	383.77	0.6170	
-0.3600	489.56	-0.5734	561.37	-0.7768	486.14	CASE G - Nu		562.50	0.4681	381.39	0.6192	414.63
-0.3635	488.87	-0.5764	522.23	-0.7798	470.69		0.1823	559.96	0.4703	381.15	0.6214	416.87
		-0.5794	493.42	-0.7828	462.01	X/SL Nu		560.10	0.4725	381.80	0.6236	427.06
-0.3671	488.95							561.42	0.4747	381.82	0.6258	431.04
-0.3706	488.59	-0.5824	501.25	-0.7858	474.46	0.0186 1359.57						429.01
-0.3741	487.42	-0.5854	501.89	-0.7888	461.15	0.0186 1360.64		561.91	0.4770	378.57	0.6281	
-0.3776	488.39	-0.5884	488.66	-0.7918	461.00	0.0211 1363.24	0.1924	558.60	0.4792	376.53	0.6303	430.49
-0.3812	489.06	-0.5914	491.36	-0.7948	463.11	0.0236 1366.27	0.1949	554.57	0.4814	374.62	0.6325	446.76
				-0.7978	471.03	0.0261 1369.30		554.94	0.4836	373.17	0.6347	451.04
-0.3847	489.60	-0.5944	484.19					552.50	0.4859	371.91	0.6370	449.18
-0.3882	489.42	-0.5974	491.13	-0.8008	464.31	0.0286 1366.56						
-0.3917	486.26	-0.6003	495.17	-0.8038	464.51	0.0311 1341.79		552.07	0.4881	369.64	0.6392	452.78
-0.3953	484.64	-0.6033	485.39	-0.8068	463.58	0.0337 1295.55	0.2050	553.02	0.4903	367.29	0.6414	460.64
-0.3988	484.67	-0.6063	481.20	-0.8098	464.88	0.0362 1231.13	0.2075	556.55	0.4925	365.39	0.6436	470.18
						0.0387 1179.64		551.79	0.4947	363.72	0.6458	479.90
-0.4023	505.82	-0.6093	497.55	-0.8127	466.26				0.4970	361.35	0.6481	480.83
-0.4058	484.24	-0.6123	512.68	-0.8157	466.83	0.0412 1141.32		549.16				
-0.4094	482.52	-0.6153	498.94	-0.8187	466.70	0.0437 1085.60		546.95	0.4992	361.85	0.6503	488.25
-0.4129	483.61	-0.6183	503.41	-0.8217	469.94	0.0463 1032.64	0.2176	545.23	0.5014	360.02	0.6525	498.70
-0.4164	482.68	-0.6213	497.15	-0.8247	466.29	0.0488 991.57		539.92	0.5036	356.75	0.6547	512.49
						0.0-00 //1.0/						
-0.4199	483.16	-0.6243				0 0 0 1 2 0 C 2 C C	0.2226	E30 /7	ก รถรด	354 <i>I</i> D	0.4570	513.36
-0.4234	481.26		492.80	-0.8277	466.32	0.0513 953.85		538.47	0.5059	356.40	0.6570	513.36
-0.4270		-0.6273	499.47	-0.8307	467.95	0.0538 925.83	0.2251	538.00	0.5081	356.20	0.6592	524.62
			499.47			0.0538 925.83	0.2251		0.5081 0.5103		0.6592 0.6614	524.62 534.22
-0.4305	480.25	-0.6303	499.47 509.17	-0.8307 -0.8337	467.95 471.27	0.0538 925.83 0.0563 901.45	0.2251 0.2276	538.00	0.5081	356.20	0.6592	524.62
-0.4305	480.25 479.82	-0.6303 -0.6333	499.47 509.17 517.89	-0.8307 -0.8337 -0.8367	467.95 471.27 472.53	0.0538 925.83 0.0563 901.45 0.0589 875.60	0.2251 0.2276 0.2302	538.00 537.11 537.21	0.5081 0.5103 0.5125	356.20 356.46 356.47	0.6592 0.6614 0.6636	524.62 534.22
-0.4340	480.25 479.82 479.18	-0.6303 -0.6333 -0.6362	499.47 509.17 517.89 515.54	-0.8307 -0.8337 -0.8367 -0.8397	467.95 471.27 472.53 476.68	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50	0.2251 0.2276 0.2302 0.2302	538.00 537.11 537.21 535.08	0.5081 0.5103 0.5125 0.5147	356.20 356.46 356.47 356.21	0.6592 0.6614 0.6636 0.6658	524.62 534.22 542.93 549.98
-0.4340 -0.4375	480.25 479.82 479.18 497.68	-0.6303 -0.6333 -0.6362 -0.6392	499.47 509.17 517.89 515.54 496.80	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427	467.95 471.27 472.53 476.68 471.68	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79	0.2251 0.2276 0.2302 0.2302 0.2334	538.00 537.11 537.21 535.08 532.36	0.5081 0.5103 0.5125 0.5147 0.5170	356.20 356.46 356.47 356.21 354.60	0.6592 0.6614 0.6636 0.6658 0.6681	524.62 534.22 542.93 549.98 561.41
-0.4340	480.25 479.82 479.18	-0.6303 -0.6333 -0.6362	499.47 509.17 517.89 515.54 496.80 486.01	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457	467.95 471.27 472.53 476.68 471.68 473.14	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366	538.00 537.11 537.21 535.08 532.36 531.72	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192	356.20 356.46 356.47 356.21 354.60 355.07	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703	524.62 534.22 542.93 549.98 561.41 566.93
-0.4340 -0.4375 -0.4411	480.25 479.82 479.18 497.68 497.38	-0.6303 -0.6333 -0.6362 -0.6392 -0.6422	499.47 509.17 517.89 515.54 496.80 486.01	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427	467.95 471.27 472.53 476.68 471.68	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398	538.00 537.11 537.21 535.08 532.36 531.72 531.98	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214	356.20 356.46 356.47 356.21 354.60 355.07 356.63	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725	524.62 534.22 542.93 549.98 561.41 566.93 581.70
-0.4340 -0.4375 -0.4411 -0.4446	480.25 479.82 479.18 497.68 497.38 498.69	-0.6303 -0.6333 -0.6362 -0.6392 -0.6422 -0.6452	499.47 509.17 517.89 515.54 496.80 486.01 482.75	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457 -0.8486	467.95 471.27 472.53 476.68 471.68 473.14 476.16	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398	538.00 537.11 537.21 535.08 532.36 531.72 531.98	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214	356.20 356.46 356.47 356.21 354.60 355.07 356.63	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703	524.62 534.22 542.93 549.98 561.41 566.93
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481	480.25 479.82 479.18 497.68 497.38 498.69 514.35	-0.6303 -0.6333 -0.6362 -0.6392 -0.6422 -0.6452 -0.6482	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457 -0.8486 -0.8516	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4516	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42	-0.6303 -0.6333 -0.6362 -0.6392 -0.6422 -0.6452 -0.6482 -0.6512	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457 -0.8486 -0.8516 -0.8546	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4516 -0.4552	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00	-0.6303 -0.6362 -0.6392 -0.6422 -0.6452 -0.6482 -0.6512 -0.6542	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457 -0.8516 -0.8546 -0.8576	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4516	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42	-0.6303 -0.6333 -0.6362 -0.6392 -0.6422 -0.6452 -0.6482 -0.6512	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4516 -0.4552 -0.4587	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39	-0.6303 -0.6333 -0.6362 -0.6392 -0.6422 -0.6452 -0.6512 -0.6512 -0.6572	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55 459.20	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6836	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 637.73
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4516 -0.4552 -0.4587 -0.4622	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8516 -0.8576 -0.8606 -0.8636	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55 459.20	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4587 -0.4622 -0.4657	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6542 -0.6572 -0.6602 -0.6632	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606 -0.8636 -0.8666	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 532.06 532.06 5452.06 5452.06 5452.06 5452.06 5452.06 5452.06 5452.06	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28 361.60	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6836	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 637.73
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4552 -0.4587 -0.4622 -0.4693	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6542 -0.6572 -0.6602 -0.6632 -0.6662	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8576 -0.8636 -0.8636 -0.8696	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42 489.17	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55 459.20 454.32 451.12	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28 361.60 362.60	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6772 0.6814 0.6836 0.6858	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 637.73 648.26 648.80
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4552 -0.4657 -0.4693 -0.4728	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602 -0.6632 -0.6662 -0.6692	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8576 -0.8636 -0.8636 -0.8696 -0.8726	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42 489.17 490.34	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3881	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55 464.55 459.20 454.32 451.12 448.96	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28 361.60 362.60 364.03	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6858 0.6858	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 648.26 648.80 656.22
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4552 -0.4587 -0.4622 -0.4693	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602 -0.6632 -0.6662 -0.6692 -0.6721	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8546 -0.8606 -0.8636 -0.8666 -0.8696 -0.8726 -0.8756	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42 489.17 490.34 492.21	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36 0.0916 697.68	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55 464.55 459.20 454.32 451.12 448.96 446.27	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5236 0.5259 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.53414	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28 361.60 362.60 364.03 366.35	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6858 0.6858 0.6881 0.6903	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 637.73 648.26 648.80 656.22 675.07
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4557 -0.4657 -0.4657 -0.4693 -0.4728 -0.4763	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602 -0.6632 -0.6662 -0.6692 -0.6721	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8576 -0.8636 -0.8636 -0.8696 -0.8726	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.17 490.34 492.21 495.68	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3859 0.3881 0.3903 0.3925	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55 464.55 459.20 454.32 451.12 448.96 446.27 443.26	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.5414 0.5436	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.79 359.83 360.28 361.60 362.60 364.03 366.35 369.62	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6836 0.6888 0.6888 0.6888 0.6903 0.6925 0.6947	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 648.26 648.80 656.22 675.07 681.85
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4557 -0.4657 -0.4693 -0.4728 -0.4717	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56 465.35	-0.6303 -0.6333 -0.6362 -0.6492 -0.6452 -0.6512 -0.6572 -0.6602 -0.6662 -0.6662 -0.6692 -0.6721 -0.6751	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86 498.44	-0.8307 -0.8337 -0.8367 -0.8397 -0.8457 -0.8456 -0.8516 -0.8546 -0.8566 -0.8636 -0.8636 -0.8696 -0.8726 -0.8756 -0.8786	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.17 490.34 492.21 495.68	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36 0.0916 697.68 0.0941 695.36	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3859 0.3881 0.3903 0.3925	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55 464.55 459.20 454.32 451.12 448.96 446.27 443.26	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5236 0.5259 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.53414	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28 361.60 362.60 364.03 366.35	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6836 0.6888 0.6888 0.6888 0.6903 0.6925 0.6947	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 637.73 648.26 648.80 656.22 675.07
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4557 -0.4657 -0.4653 -0.4728 -0.4763 -0.4717 -0.4747	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56 465.35 468.83	-0.6303 -0.6333 -0.6362 -0.6492 -0.6452 -0.6512 -0.6542 -0.6572 -0.6602 -0.6662 -0.6662 -0.66721 -0.6751 -0.6781	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86 498.44 529.16	-0.8307 -0.8337 -0.8367 -0.8397 -0.8457 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606 -0.8606 -0.8606 -0.8726 -0.8756 -0.8786 -0.8786 -0.8816	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42 490.34 490.34 492.21 495.68 498.59	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36 0.0916 697.68 0.0941 695.36 0.0966 685.34	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55 454.55 454.32 448.96 446.27 443.26 441.81	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.5414 0.5436 0.5459	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28 361.60 362.60 364.03 366.35 369.62 370.93	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6836 0.6888 0.6888 0.6903 0.6925 0.6947 0.6970	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 648.26 648.80 656.22 675.07 681.85 685.33
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4587 -0.4657 -0.4693 -0.4728 -0.4773 -0.4747 -0.4777	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56 465.35 468.83 476.40	-0.6303 -0.6333 -0.6362 -0.6492 -0.6452 -0.6512 -0.6572 -0.6632 -0.6662 -0.6692 -0.6721 -0.6781 -0.6811	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86 498.44 529.16 486.96	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8576 -0.8666 -0.8666 -0.8666 -0.8726 -0.8726 -0.8786 -0.8816 -0.8816 -0.8845	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.17 490.34 492.21 495.68 498.59 499.75	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 720.71 0.0841 720.71 0.0841 720.71 0.0841 720.71 0.0891 703.36 0.0916 697.68 0.0941 695.36 0.0946 685.34 0.0992 676.39	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 529.43 501.76 464.55 459.20 454.32 448.96 446.27 443.26 441.81 440.91	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.5414 0.5436 0.5459	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.79 359.83 360.28 361.60 364.03 364.03 364.03 369.62 370.93 369.50	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6836 0.6888 0.6881 0.6903 0.6925 0.6947 0.6970	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 648.26 648.80 656.22 675.07 681.85 685.33 694.98
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4557 -0.4657 -0.4657 -0.4728 -0.4773 -0.4777 -0.4747 -0.4777 -0.4807	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56 465.35 468.83 476.40 465.11	-0.6303 -0.6333 -0.6362 -0.6422 -0.6452 -0.6512 -0.6542 -0.6572 -0.6662 -0.6662 -0.6721 -0.6751 -0.6781 -0.6811 -0.6841	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86 498.44 529.16 486.96 483.60	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8576 -0.8666 -0.8666 -0.8666 -0.8726 -0.8726 -0.8786 -0.8816 -0.8816 -0.8845 -0.8875	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42 489.17 490.34 492.21 495.68 498.59 499.75 506.69	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36 0.0916 697.68 0.0941 695.36 0.0946 685.34 0.0992 676.39 0.1017 673.14	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3859 0.3859 0.3881 0.3903 0.3903 0.3925 0.3947 0.3970 0.3992	538.00 537.11 537.21 535.08 532.36 531.72 531.78 532.06 529.43 501.76 464.55 459.20 454.32 448.96 446.27 448.96 440.91 439.72	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.5414 0.5436 0.5459 0.5481 0.5503	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28 361.60 362.60 364.03 364.03 369.50 372.24	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6792 0.6814 0.6836 0.6858 0.6881 0.6903 0.6925 0.6947 0.6970 0.6992	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 637.73 648.26 648.80 656.22 675.07 681.85 685.33 694.98 713.42
-0.4340 -0.4375 -0.4411 -0.4446 -0.4481 -0.4552 -0.4587 -0.4657 -0.4693 -0.4728 -0.4773 -0.4747 -0.4777	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56 465.35 468.83 476.40 465.11 457.31	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602 -0.6632 -0.6662 -0.6721 -0.6751 -0.6781 -0.6811 -0.6871	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86 498.44 529.16 486.96 483.60 480.77	-0.8307 -0.8337 -0.8367 -0.8427 -0.8457 -0.8486 -0.8576 -0.8546 -0.8576 -0.8696 -0.8726 -0.8726 -0.8756 -0.8786 -0.8845 -0.8845 -0.8875 -0.8875 -0.88905	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42 489.17 490.34 492.21 495.68 498.59 499.75 506.69 511.78	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36 0.0941 695.36 0.0941 695.36 0.0992 676.39 0.1017 673.14 0.1042 676.95	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3925 0.3970 0.3992 0.4014	538.00 537.11 537.21 535.08 532.36 531.72 531.78 532.06 529.43 501.76 464.55 459.20 454.32 448.96 446.27 443.26 441.81 440.91 439.72 437.72	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.5414 0.5436 0.5436 0.5481 0.5503 0.5503	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.79 359.83 360.28 361.60 362.60 364.03 364.03 369.62 370.93 369.50 372.24 374.39	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6792 0.6814 0.6836 0.6858 0.6881 0.6903 0.6925 0.6947 0.6992 0.7014 0.7036	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 637.73 648.26 648.80 656.22 675.07 681.85 685.33 695.39 713.42 717.60
-0.4340 -0.4375 -0.4411 -0.4481 -0.4516 -0.4552 -0.4587 -0.4657 -0.4693 -0.4778 -0.4773 -0.4717 -0.4777 -0.4807 -0.4837	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56 465.35 468.83 476.40 465.11 457.31	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602 -0.6632 -0.6662 -0.6721 -0.6751 -0.6781 -0.6811 -0.6871	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86 498.44 529.16 486.96 483.60 480.77	-0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8456 -0.8516 -0.8546 -0.8576 -0.8666 -0.8666 -0.8666 -0.8726 -0.8726 -0.8786 -0.8816 -0.8816 -0.8845 -0.8875	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42 489.17 490.34 492.21 495.68 498.59 499.75 506.69	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36 0.0916 697.68 0.0941 695.36 0.0946 685.34 0.0992 678.34 0.0992 673.14 0.1042 676.95 0.1067 652.11	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014 0.4036	538.00 537.11 537.21 535.08 532.36 531.72 532.06 531.78 532.06 529.43 501.76 464.55 459.20 454.32 441.12 448.96 446.27 443.26 441.81 440.91 439.72 437.72 437.72	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.5414 0.5436 0.5459 0.5481 0.5503 0.5525 0.5547	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.79 359.83 360.28 361.60 362.60 364.03 366.35 369.62 370.93 369.50 372.24 374.39 376.34	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6836 0.6858 0.6881 0.6903 0.6925 0.6947 0.6992 0.7014 0.7036 0.7058	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 637.73 648.26 648.80 656.22 675.07 681.85 685.33 694.98 713.42 717.60 727.22
-0.4340 -0.4375 -0.4411 -0.4481 -0.4516 -0.4552 -0.4557 -0.4657 -0.4693 -0.4717 -0.4774 -0.4777 -0.4807 -0.4837 -0.4867	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56 465.35 468.83 476.40 465.11 457.31 477.87	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602 -0.6632 -0.6662 -0.6751 -0.6751 -0.6781 -0.6811 -0.6871 -0.6871 -0.6901	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86 498.44 529.16 486.96 483.60 480.77 478.98	-0.8307 -0.8337 -0.8367 -0.8427 -0.8457 -0.8486 -0.8576 -0.8546 -0.8576 -0.8666 -0.8666 -0.8726 -0.8726 -0.8756 -0.8786 -0.8845 -0.8875 -0.8875 -0.8905 -0.8935	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.17 490.34 492.21 495.68 499.75 506.69 511.78 518.51	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36 0.0916 697.68 0.0941 695.36 0.0946 685.34 0.0992 678.34 0.0992 673.14 0.1042 676.95 0.1067 652.11	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014 0.4036	538.00 537.11 537.21 535.08 532.36 531.72 532.06 531.78 532.06 529.43 501.76 464.55 459.20 454.32 441.12 448.96 446.27 443.26 441.81 440.91 439.72 437.72 437.72	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.5414 0.5436 0.5436 0.5481 0.5503 0.5503	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.79 359.83 360.28 361.60 362.60 364.03 364.03 369.62 370.93 369.50 372.24 374.39	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6792 0.6814 0.6836 0.6858 0.6903 0.6925 0.6947 0.6970 0.6992 0.7014 0.7036 0.7058	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 648.26 648.80 656.22 675.07 681.85 685.33 694.98 713.42 717.60 727.22 742.67
-0.4340 -0.4375 -0.4411 -0.4481 -0.4516 -0.4552 -0.4557 -0.4657 -0.4693 -0.4728 -0.4763 -0.4771 -0.4777 -0.4807 -0.4837 -0.4897	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56 465.35 468.83 476.40 465.11 457.31 477.87 463.18	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6572 -0.6572 -0.6602 -0.6632 -0.6751 -0.6751 -0.6781 -0.6811 -0.6811 -0.6871 -0.6901 -0.6931	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86 498.44 529.16 486.96 483.60 480.77 478.98 480.57	-0.8307 -0.8337 -0.8367 -0.8427 -0.8457 -0.8486 -0.8576 -0.8546 -0.8576 -0.8696 -0.8696 -0.8726 -0.8756 -0.8786 -0.8816 -0.8816 -0.8875 -0.8905 -0.8935 -0.8935 -0.8965	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42 489.17 490.34 492.21 495.68 498.59 499.75 506.69 511.78 518.51 519.84	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36 0.0916 697.68 0.0941 695.36 0.0946 685.34 0.0992 676.39 0.1017 673.14 0.1042 676.95 0.1067 652.11 0.1092 653.67	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.2461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3970 0.4036 0.4036	538.00 537.11 537.21 535.08 532.36 531.72 531.98 532.06 532.06 532.06 532.06 545.20 454.32 454.32 448.96 446.27 443.26 441.81 440.91 439.72 437.72 437.72 436.72	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5325 0.5347 0.5370 0.5392 0.5414 0.5436 0.5459 0.5459 0.5503 0.5503 0.5525 0.5547 0.5570	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28 361.60 362.60 364.03 366.35 369.62 370.93 369.50 372.24 374.39 376.34 375.01	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6792 0.6814 0.6836 0.6858 0.6903 0.6925 0.6947 0.6970 0.6992 0.7014 0.7036 0.7058	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 648.26 648.80 656.22 675.07 681.85 685.33 694.98 713.42 717.60 727.22 742.67
-0.4340 -0.4375 -0.4411 -0.4481 -0.4516 -0.4552 -0.4557 -0.4657 -0.4693 -0.4717 -0.4774 -0.4777 -0.4807 -0.4837 -0.4867	480.25 479.82 479.18 497.68 497.38 498.69 514.35 475.42 476.00 475.39 475.17 476.44 478.27 478.87 477.56 465.35 468.83 476.40 465.11 457.31 477.87	-0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602 -0.6632 -0.6662 -0.6751 -0.6751 -0.6781 -0.6811 -0.6871 -0.6871 -0.6901	499.47 509.17 517.89 515.54 496.80 486.01 482.75 500.07 504.39 513.83 531.87 514.16 506.54 489.62 487.79 482.86 498.44 529.16 486.96 483.60 480.77 478.98	-0.8307 -0.8337 -0.8367 -0.8427 -0.8457 -0.8486 -0.8576 -0.8546 -0.8576 -0.8666 -0.8666 -0.8726 -0.8726 -0.8756 -0.8786 -0.8845 -0.8875 -0.8875 -0.8905 -0.8935	467.95 471.27 472.53 476.68 471.68 473.14 476.16 477.69 476.60 479.42 481.32 482.56 489.42 489.17 490.34 492.21 495.68 498.59 506.69 511.78 518.51 519.84 523.82	0.0538 925.83 0.0563 901.45 0.0589 875.60 0.0614 850.50 0.0639 827.79 0.0664 813.78 0.0689 798.79 0.0715 780.85 0.0740 761.18 0.0765 746.68 0.0790 730.96 0.0815 725.07 0.0841 720.71 0.0866 713.74 0.0891 703.36 0.0916 697.68 0.0941 695.36 0.0946 685.34 0.0992 678.34 0.0992 673.14 0.1042 676.95 0.1067 652.11	0.2251 0.2276 0.2302 0.2302 0.2334 0.2366 0.2398 0.2430 0.24461 0.2743 0.3037 0.3069 0.3836 0.3859 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014 0.4036 0.4059 0.4081	538.00 537.11 537.21 535.08 532.36 531.72 532.06 532.06 532.06 529.43 501.76 464.55 459.20 454.32 441.12 448.96 446.27 443.26 441.81 440.91 439.72 437.72 437.72	0.5081 0.5103 0.5125 0.5147 0.5170 0.5192 0.5214 0.5236 0.5259 0.5281 0.5303 0.5325 0.5347 0.5370 0.5392 0.5414 0.5436 0.5459 0.5481 0.5503 0.5525 0.5547	356.20 356.46 356.47 356.21 354.60 355.07 356.63 357.90 356.94 356.79 359.83 360.28 361.60 362.60 364.03 366.35 369.62 370.93 369.50 372.24 374.39 376.34 375.01	0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725 0.6747 0.6792 0.6814 0.6836 0.6858 0.6903 0.6925 0.6947 0.6970 0.6992 0.7014 0.7036 0.7058	524.62 534.22 542.93 549.98 561.41 566.93 581.70 594.52 597.79 604.02 615.73 637.73 648.26 648.80 656.22 675.07 681.85 685.33 694.98 713.42 717.60 727.22

0.7147	770.69	0.8658	785.84	-0.1617	289.21	-0.4298	412.88	-0.6333	438.06	-0.8367	435.44	0.0577	1108.67
0.7170	782.38	0.8681	782.06	-0.1681	297.83	-0.4328	404.47	-0.6362	420.96	-0.8397	443.05		
	790.29	0.8703	793.20										1075.21
0.7192				-0.1744	329.79	-0.4358	400.18	-0.6392	427.23	-0.8427	441.29		1039.60
0.7214	800.10	0.8725	790.20	-0.1808	333.11	-0.4388	399.25	-0.6422	422.43	-0.8457	442.34		1024.35
0.7236	797.07	0.8747		-0.1872	337.67	-0.4418	410.69	-0.6452	421.15	-0.8486		0.0654	1000.32
0.7258	798.12	0.8769	781.12	-0.1935	372.83	-0.4448	421.85	-0.6482	422.52	-0.8516	447.75	0.0674	975.90
0.7281	813.97	0.8792	785.57	-0.1974	342.13	-0.4478	406.18	-0.6512	424.74	-0.8546	441.62	0.0693	955.02
0.7303	820.44	0.8814	795.69	-0.2013	380.07	-0.4508	400.47	-0.6542	424.45	-0.8576		0.0713	935.04
0.7325	816.31	0.8836	792.84	-0.2052	417.81	-0.4538	399.62	-0.6572	427.59	-0.8606	443.30	0.0732	917.72
0.7347	817.97	0.8858	791.59	-0.2091	496.00	-0.4568	393.34	-0.6602	444.80	-0.8636	444.46	0.0751	899.08
0.7370	830.47	0.8881	792.34	-0.2130	440.23	-0.4597	394.03	-0.6632	446.37	-0.8666	446.59		
0.7392	836.45	0.8903	791.07	-0.2168	427.80							0.0771	874.81
						-0.4627	396.74	-0.6662	452.43	-0.8696	451.00	0.0790	857.61
0.7414	838.83	0.8925	787.77	-0.2207	463.44	-0.4657	394.36	-0.6692	439.34	-0.8726	452.59	0.0810	844.78
0.7436	837.21	0.8947	807.66	-0.2246	487.70	-0.4687	396.37	-0.6721	430.35	-0.8756	451.39	0.0829	824.26
0.7458	839.10	0.8969	793.24	-0.2285	468.98	-0.4717	402.04	-0.6751	432.76	-0.8786	451.94	0.0848	808.31
0.7481	846.99	0.8992	792.56	-0.2324	449.13	-0.4747	396.92	-0.6781	442.76	-0.8816	453.08	0.0868	796.50
0.7503	848.83	0.9014	798.95	-0.2363	497.53	-0.4777	397.54	-0.6811	456.58	-0.8845	454.00	0.0887	788.97
0.7525	847.33	0.9036	823.26	-0.2402	483.96	-0.4807	412.55	-0.6841	437.04	-0.8875	457.84	0.0906	775.80
0.7547	847.32	0.9058	820.82	-0.2441	499.20	-0.4837	412.15	-0.6871	432.08	-0.8905	460.74	0.0926	763.14
0.7570	847.29	0.9081	810.72	-0.2479	453.19	-0.4867	404.48	-0.6901	432.83	-0.8935	462.51	0.0945	756.07
0.7592	853.54	0.9103	811.71	-0.2518	428.10	-0.4897	403.59	-0.6931	434.47	-0.8965	464.21	0.0965	748.16
0.7614	858.93	0.9125	815.84			-0.4927							
				-0.2557	416.14		402.11	-0.6961	427.55	-0.8995	481.68	0.0984	738.95
0.7636	851.25	0.9147	816.13	-0.2596	450.54	-0.4956	395.82	-0.6991	435.25	-0.9025	539.55	0.1003	733.49
0.7658	851.88	0.9169	821.08	-0.2635	418.86	-0.4986	404.25	-0.7021	434.80	-0.9055	525.79	0.1023	725.83
0.7681	858.10	0.9192	824.99	-0.2674	419.10	-0.5016	402.46	-0.7051	429.19	-0.9085	529.95	0.1042	714.04
0.7703	858.89	0.9214	832.91	-0.2713	431.56	-0.5046	408.63	-0.7080	426.55	-0.9115	485.83	0.1061	710.87
0.7725	852.35	0.9236	835.97	-0.2752	419.88	-0.5076	399.92	-0.7110	432.71	-0.9145	492.76	0.1081	703.32
0.7747	847.35	0.9258	845.19	-0.2790	419.86	-0.5106	406.69	-0.7140	435.03	-0.9174	498.77	0.1100	695.67
0.7770	844.05	0.9281	845.20	-0.2829	471.31	-0.5136	398.80	-0.7170	431.84	-0.9204	499.39	0.1120	684.99
0.7792	854.06	0.9303	849.41	-0.2868	448.00	-0.5166	399.81	-0.7200	431.59	-0.9234	507.51	0.1139	679.47
0.7814	850.52	0.9325	856.19	-0.2907	420.90	-0.5196	401.78	-0.7230	429.91	-0.9264	513.61	0.1158	675.30
0.7836	848.26	0.9347	863.24	-0.2946	420.48	-0.5226	402.28	-0.7260	428.42	-0.9294	519.34	0.1178	672.57
0.7858	844.57	0.9369	868.79	-0.2985	430.17	-0.5256	402.35	-0.7290	429.89	-0.9324	524.91	0.1178	667.05
0.7881	840.46	0.9392	873.70	-0.3024	427.83	-0.5286	402.33						
								-0.7320	428.89	-0.9354	534.32	0.1216	662.63
0.7903	840.09	0.9414	880.92	-0.3062	427.81	-0.5315	401.20	-0.7350	428.66	-0.9384	540.98	0.1236	663.47
0.7925	838.15	0.9436	881.42	-0.3101	424.32	-0.5345	403.01	-0.7380	427.47	-0.9414	549.17	0.1255	660.28
0.7947	839.77	0.9458	888.11	-0.3140	420.94	-0.5375	403.51	-0.7409	415.61	-0.9444	556.20	0.1275	659.45
0.7969	838.58	0.9481	901.20	-0.3179	421.51	-0.5405	402.69	-0.7439	410.34	-0.9474	564.00	0.1294	655.48
0.7992	831.95	0.9503	914.53	-0.3218	419.81	-0.5435	410.70	-0.7469	420.22	-0.9504	569.81	0.1313	651.18
0.8014	834.64	0.9525	932.38	-0.3257	451.84	-0.5465	403.39	-0.7499	418.95	-0.9533	576.82	0.1333	649.47
0.8036	841.60	0.9547	952.30	-0.3296	418.66	-0.5495	412.10	-0.7529	412.35	-0.9563	584.97	0.1352	644.26
0.8058	843.13			-0.3335	417.54	-0.5525	434.15	-0.7559	412.54	-0.9593	593.55	0.1371	639.80
0.8081	835.53	X/PL	Nu	-0.3373	416.91	-0.5555	439.25	-0.7589	401.40	-0.9623	634.21	0.1391	635.25
0.8103	831.80	-0.0027		-0.3412	416.71	-0.5585	413.78	-0.7619	422.82	-0.9653	641.88	0.1410	632.60
0.8125	830.43	-0.0027		-0.3451	416.79	-0.5615	404.01	-0.7649	422.90	-0.9683	617.72	0.1430	624.20
0.8147	829.97	-0.0071		-0.3490	415.48	-0.5645	406.10	-0.7679	417.96	-0.9713	696.04	0.1449	619.72
0.8169	829.47				414.74	-0.5674	418.17	-0.7709	422.84	-0.9743			
0.8192		-0.0218			413.85	-0.5704			422.64		674.18	0.1468	613.94
		-0.0282		-0.3568			429.37	-0.7739		-0.9773	726.49	0.1488	614.20
0.8214	819.71	-0.0345	808.17	-0.3607	411.99	-0.5734	409.94	-0.7768	422.00	-0.9803	706.68	0.1507	606.80
0.8236	816.82	-0.0409	760.45	-0.3646	411.39	-0.5764	408.56	-0.7798	422.46	-0.9833	731.74	0.1526	600.89
0.8258	819.76	-0.0472	705.17	-0.3684	411.20	-0.5794	412.88	-0.7828	424.00	-0.9863	755.19	0.1546	601.61
0.8281	814.16	-0.0536	576.75	-0.3723	410.68	-0.5824	406.40	-0.7858	419.28	-0.9892	738.71	0.1565	599.11
0.8303	811.62	-0.0600	567.44	-0.3762	410.00	-0.5854	425.30	-0.7888	424.99	-0.9922	768.70	0.1585	596.72
0.8325	807.77	-0.0663	468.82	-0.3801	409.62	-0.5884	420.46	-0.7918	409.37			0.1604	591.73
0.8347	805.94	-0.0727	429.23	-0.3840	410.12	-0.5914	413.30	-0.7948	410.35			0.1623	585.68
0.8369	798.19	-0.0790	408.94	-0.3879	410.01	-0.5944	410.00	-0.7978	405.10	CASE H	- Nu	0.1643	583.99
0.8392	805.26	-0.0854	378.77	-0.3918	409.57	-0.5974	408.51	-0.8008	422.83			0.1662	580.85
0.8414	804.57	-0.0918	360.49	-0.3956	408.61	-0.6003	410.29	-0.8038	430.68	X/SL	Nu	0.1682	580.60
0.8436	803.49	-0.0918	343.20	-0.3995	408.72	-0.6033	412.77	-0.8068	430.36		1551.95	0.1701	578.10
0.8458	795.29						412.77						
		-0.1045	328.69	-0.4034	408.31	-0.6063		-0.8098	432.01	0.0403		0.1720	576.19
0.8481	798.34	-0.1108	316.41	-0.4073	408.85	-0.6093	429.26	-0.8127	424.64	0.0422		0.1740	577.80
0.8503	801.92	-0.1172	303.55	-0.4112	409.56	-0.6123	419.79	-0.8157	425.85	0.0441		0.1759	598.39
0.8525	794.51	-0.1236	290.57	-0.4151	409.30	-0.6153	443.02	-0.8187	426.81	0.0461		0.1778	579.49
0.8547	794.43	-0.1299	280.44	-0.4190	408.68	-0.6183	443.42	-0.8217	430.78	0.0480		0.1798	577.24
0.8569	791.43	-0.1363	274.91	-0.4229	409.52	-0.6213	417.97	-0.8247	433.21	0.0499	1199.20	0.1817	576.74
0.8592	791.61	-0.1426	271.94	-0.4267	410.45	-0.6243	425.31	-0.8277	432.80	0.0519		0.1837	576.03
0.8614	795.33	-0.1490	271.35	-0.4306	410.46	-0.6273	425.93	-0.8307	434.65	0.0538		0.1856	576.06
0.8636	794.33	-0.1554	273.62	-0.4268	412.15	-0.6303	419.05	-0.8337	432.72	0.0558		0.1875	610.65

								-					
0.1895	575.34	0.4303	755.31	0.5814	947.68	0.7325	809.79	0.8836	787.25	-0.1776	512.30	-0.4179	541.68
			759.63	0.5836	944.63	0.7347	802.28	0.8858	784.57	-0.1811	517.23	-0.4209	585.35
0.1914	575.40	0.4325							785.50	-0.1846	543.15	-0.4238	564.98
0.1933	569.23	0.4347	763.53	0.5858	939.27	0.7370	804.83	0.8881					
0.1953	567.05	0.4370	768.59	0.5881	935.11	0.7392	800.88	0.8903	782.59	-0.1881	532.19	-0.4268	520.54
0.1972	564.99	0.4392	774.55	0.5903	928.97	0.7414	797.82	0.8925	789.82	-0.1917	514.79	-0.4298	567.81
			777.95	0.5925	923.80	0.7436	799.10	0.8947	802.66	-0.1952	534.23	-0.4328	476.71
0.1992	568.98	0.4414						0.8969	809.00	-0.1987	489.86	-0.4358	520.34
0.2011	568.24	0.4436	783.43	0.5947	918.05	0.7458	799.09						
0.2030	566.54	0.4459	787.24	0.5970	912.21	0.7481	791.75	0.8992	818.63	-0.2022	489.26	-0.4388	497.18
0.2050	563.76	0.4481	792.50	0.5992	907.52	0.7503	792.53	0.9014	821.37	-0.2058	490.07	-0.4418	459.15
		0.4503	796.85	0.6014	903.54	0.7525	796.00	0.9036	835.44	-0.2093	480.53	-0.4448	548.69
0.2069	564.36									-0.2128	524.02	-0.4478	514.72
0.2088	564.66	0.4525	801.30	0.6036	900.52	0.7547	794.33	0.9058	842.48				
0.2108	563.02	0.4547	805.58	0.6058	893.65	0.7570	788.31	0.9081	853.99	-0.2163	535.87	-0.4508	511.67
0.2127	564.41	0.4570	807.77	0.6081	893.86	0.7592	788.82	0.9103	858.49	-0.2199	532.81	-0.4538	504.70
		0.4592	811.03	0.6103	887.74	0.7614	788.42	0.9125	856.01	-0.2234	522.72	-0.4568	564.96
0.2147	564.63								860.02	-0.2269	508.81	-0.4597	544.27
0.2166	565.67	0.4614	813.63	0.6125	891.59	0.7636	787.51	0.9147					
0.2185	563.69	0.4636	816.64	0.6147	880.41	0.7658	787.41	0.9169	864.86	-0.2304	504.22	-0.4627	535.69
0.2205	560.62	0.4659	818.56	0.6170	878.99	0.7681	787.24	0.9192	873.74	-0.2340	504.01	-0.4657	527.21
0.2224	560.09	0.4681	822.60	0.6192	876.46	0.7703	787.13	0.9214	880.58	-0.2375	484.16	-0.4687	535.26
						0.7725	780.32	0.9236	891.28	-0.2410	493.10	-0.4717	516.58
0.2243	560.16	0.4703	825.07	0.6214	869.29							-0.4747	494.95
0.2263	558.13	0.4725	827.04	0.6236	869.66	0.7747	777.24	0.9258	897.15	-0.2445	492.56	-	
0.2282	557.76	0.4747	828.93	0.6258	863.80	0.7770	782.79	0.9281	903.12	-0.2481	503.83	-0.4777	487.20
0.2302	556.31	0.4770	828.39	0.6281	861.09	0.7792	780.65	0.9303	907.84	-0.2516	481.82	-0.4807	447.84
			830.33	0.6303	862.73	0.7814	782.27	0.9325	917.68	-0.2551	508.04	-0.4837	529.18
0.2302	557.93	0.4792							922.43	-0.2586	493.45	-0.4867	502.20
0.2334	559.49	0.4814	835.82	0.6325	862.86	0.7836	784.59	0.9347					
0.2366	558.94	0.4836	838.36	0.6347	855.31	0.7858	777.80	0.9369	930.01	-0.2621	499.04	-0.4897	500.68
0.2398	561.33	0.4859	837.40	0.6370	848.32	0.7881	778.10	0.9392	938.49	-0.2657	490.81	-0.4927	492.74
0.2430	564.10	0.4881	839.68	0.6392	853.49	0.7903	777.54	0.9414	950.06	-0.2692	505.36	-0.4956	492.23
					851.26	0.7925	779.56	0.9436	962.88	-0.2727	486.13	-0.4986	474.62
0.2461	565.21	0.4903	842.16	0.6414							485.97	-0.5016	495.88
0.2493	565.09	0.4925	841.46	0.6436	850.39	0.7947	785.43	0.9458	968.05	-0.2762			
0.2525	568.15	0.4947	844.08	0.6458	848.50	0.7969	778.96	0.9481	991.31	-0.2798	485.46	-0.5046	464.46
0.2557	569.24	0.4970	847.07	0.6481	844.21	0.7992	780.87	0.9503	1010.89	-0.2833	483.65	-0.5076	463.80
		0.4992	848.32	0.6503	841.28	0.8014	777.95		1016.66	-0.2868	487.27	-0.5106	478.03
0.2589	573.70						781.36		1028.42	-0.2903	494.53	-0.5136	470.96
0.2621	576.43	0.5014	854.66	0.6525	842.28	0.8036					489.31	-0.5166	517.30
0.2653	577.84	0.5036	855.88	0.6547	842.92	0.8058	780.67		1051.26	-0.2939			
0.2685	580.85	0.5059	858.53	0.6570	835.61	0.8081	784.52	0.9592	1083.62	-0.2974	527.62	-0.5196	502.06
0.2717	584.39	0.5081	862.66	0.6592	839.10	0.8103	785.12			-0.3009	499.86	-0.5226	477.94
0.2749	587.46	0.5103	864.98	0.6614	835.31	0.8125	785.19	X/PL	Nu	-0.3044	508.41	-0.5256	481.87
						0.8147	786.24	-0.0030		-0.3080	488.49	-0.5286	486.86
0.2781	584.47	0.5125	870.51	0.6636	835.53						488.98	-0.5315	486.38
0.2813	582.97	0.5147	874.05	0.6658	833.47	0.8169	784.66	-0.0115		-0.3115			
0.2845	582.43	0.5170	878.28	0.6681	833.49	0.8192	784.84	-0.0201	1313.79	-0.3150	488.35	-0.5345	528.91
0.2877	592.86	0.5192	879.43	0.6703	834.63	0.8214	783.46	-0.0286	1205.18	-0.3185	516.81	-0.5375	535.88
0.2909	609.95	0.5214	887.83	0.6725	829.64	0.8236	788.90	-0.0372		-0.3220	489.12	-0.5405	529.91
							784.34	-0.0457		-0.3256	491.73	-0.5435	485.36
0.2941	597.55	0.5236	890.92	0.6747	835.67	0.8258						-0.5465	529.81
0.2973	597.89	0.5259	889.94	0.6770	826.86	0.8281	781.04	-0.0543	918.78	-0.3291	488.86		
0.3005	619.92	0.5281	892.78	0.6792	829.00	0.8303	781.08	-0.0628	768.21	-0.3326	519.80	-0.5495	536.19
0.3037	590.61	0.5303	903.37	0.6814	825.38	0.8325	781.54	-0.0714	592.54	-0.3361	524.28	-0.5525	519.12
		0.5325	907.59	0.6836		0.8347	788.04	-0.0799	526.70	-0.3397	495.05	-0.5555	489.56
0.3069	640.96	0.0020				0.8369	783.27	-0.0885	497.46	-0.3432	491.08	-0.5585	492.69
0.3836	693.17	0.5347	909.07	0.6858	825.39						492.07	-0.5615	516.26
0.3859	696.61	0.5370	916.17	0.6881	821.58	0.8392	784.95	-0.0970	491.79	-0.3467			
0.3881	692.90	0.5392	921.91	0.6903	819.49	0.8414	786.88	-0.1056	484.50	-0.3502	492.26	-0.5645	512.61
0.3903	689.46	0.5414	930.26	0.6925	823.46	0.8436	789.02	-0.1142	481.10	-0.3538	496.91	-0.5674	552.33
0.3925	692.46	0.5436	932.29	0.6947	817.16	0.8458	791.67	-0.1177	477.73	-0.3573	492.40	-0.5704	575.19
						0.8481	788.59	-0.1212	489.13	-0.3608	519.97	-0.5734	517.39
0.3947	697.54	0.5459	934.10	0.6970	821.95						493.21	-0.5764	507.95
0.3970	702.67	0.5481	939.93	0.6992	821.01	0.8503	793.62	-0.1247	493.71	-0.3643			
0.3992	707.89	0.5503	948.20	0.7014	823.87	0.8525	794.93	-0.1282	467.20	-0.3679	494.55	-0.5794	524.23
0.4014	712.76	0.5525	952.67	0.7036	823.67	0.8547	795.94	-0.1318	462.48	-0.3714	494.63	-0.5824	525.62
		0.5547	955.14	0.7058	818.75	0.8569	796.64	-0.1353	468.68	-0.3749	494.30	-0.5854	513.64
0.4036	719.35					0.8592	794.56	-0.1388	458.80	-0.3784	496.39	-0.5884	523.54
0.4059	722.73	0.5570	956.18	0.7081	820.07							-0.5914	523.54
0.4081	728.02	0.5592	962.02	0.7103	817.48	0.8614	806.13	-0.1423	472.67	-0.3819	489.75		
0.4103	729.50	0.5614	964.73	0.7125	815.41	0.8636	794.56	-0.1459	462.39	-0.3855	520.30	-0.5944	500.85
0.4125	732.93	0.5636	966.41	0.7147	810.91	0.8658	791.01	-0.1494	480.68	-0.3890	519.54	-0.5974	480.54
	736.98	0.5658	969.44	0.7170	814.85	0.8681	786.26	-0.1529	483.41	-0.3969	497.42	-0.6003	524.23
0.4147					817.95	0.8703	799.09	-0.1564	494.37	-0.3999	486.55	-0.6033	538.49
0.4170	742.22	0.5681	968.94	0.7192						-0.4029	498.12	-0.6063	476.07
0.4192	744.50	0.5703	964.02	0.7214	816.02	0.8725	796.01	-0.1600	483.07				
0.4214	746.29	0.5725	962.50	0.7236	813.53	0.8747	793.99	-0.1635	504.96	-0.4059	486.20	-0.6093	529.43
0.4236	749.54	0.5747	961.40	0.7258	810.82	0.8769	790.39	-0.1670	474.99	-0.4089	549.74	-0.6123	484.14
0.4259	753.04	0.5770	958.58	0.7281	810.58	0.8792	787.93	-0.1705		-0.4119	508.29	-0.6153	482.63
						0.8814	790.60	-0.1741	506.38	-0.4149	517.20	-0.6183	510.86
0.4281	752.96	0.5792	950.77	0.7303	812.36	0.0014	, 70.00	-0.1/41	JUU.30	J 1 /	J.,.20	2.0.00	

-0.6213	520.01	-0.8247	593.95	0.0441	1349.77	0.2023	588.94	0.4503	941.73	0.6014	1032.41	0.7525	815.82
-0.6243	514.42	-0.8277			1289.02	0.2046		0.4525			1029.68	0.7547	810.57
-0.6273		-0.8307		0.0488	1240.64	0.2069	594.08	0.4547	948.03		1025.21	0.7570	816.21
-0.6303		-0.8337			1199.29	0.2092		0.4570		0.6081	1023.68	0.7592	807.30
-0.6333		-0.8367			1161.85	0.2116		0.4592			1017.41	0.7614	800.87
-0.6362		-0.8397			1116.05	0.2139		0.4614			1011.30	0.7636	805.77
-0.6392 -0.6422	512.26 514.55	-0.8427 -0.8457			1088.82	0.2162		0.4636			1005.68	0.7658	809.15
-0.6452	485.58	-0.8486			1067.60 1050.54	0.2185 0.2209	584.61 581.14	0.4659 0.4681			1003.58	0.7681	802.62
-0.6482	491.35	-0.8516			1023.57	0.2232	581.14	0.4703		0.6214	1003.25 997.19	0.7703 0.7725	801.32
-0.6512	490.24	-0.8546			1001.89	0.2255	580.13	0.4725		0.6236	993.04	0.7747	801.64 804.52
-0.6542	486.05	-0.8576		0.0697	986.27	0.2278	574.90	0.4747	969.86	0.6258	994.53	0.7770	800.57
-0.6572	541.70	-0.8606	509.80	0.0720	974.11	0.2302	570.65	0.4770		0.6281	992.91	0.7792	806.12
-0.6602	518.21	-0.8636		0.0744	949.42	0.2302	570.98	0.4792	976.59	0.6303	982.76	0.7814	799.90
-0.6632	542.92	-0.8666		0.0767	936.20	0.2334	575.74	0.4814	977.65	0.6325	976.81	0.7836	803.72
-0.6662 -0.6692	560.77 507.13	-0.8696 -0.8726		0.0790	917.04	0.2366	579.28	0.4836	982.46	0.6347	966.11	0.7858	796.77
-0.6721	561.89	-0.8726 -0.8756	517.58 547.79	0.0813 0.0837	903.49 887.28	0.2398 0.2430	579.80 583.77	0.4859 0.4881	986.97 989.54	0.6370	965.47	0.7881	801.74
-0.6751	543.85	-0.8786	558.53	0.0860	878.29	0.2430	588.06	0.4903	994.09	0.6392 0.6414	965.21 964.05	0.7903 0.7925	802.90 805.99
-0.6781	626.35	-0.8816	521.66	0.0883	857.20	0.2493	593.50	0.4925	996.07	0.6436	963.80	0.7923	804.24
-0.6811	691.76	-0.8845	530.57	0.0906	835.58	0.2525	595.75	0.4947	995.99	0.6458	950.82	0.7969	793.83
-0.6841	676.38	-0.8875	540.53	0.0930	824.58	0.2557	596.69		1002.90	0.6481	947.08	0.7992	794.11
-0.6871	603.27	-0.8905	554.59	0.0953	817.97	0.2589	603.88		1010.19	0.6503	941.32	0.8014	800.17
-0.6901	525.23	-0.8935	552.68	0.0976	812.05	0.2621	611.12		1013.43	0.6525	935.68	0.8036	804.00
-0.6931	539.15	-0.8965	559.13	0.0999	805.42	0.2653	616.67		1011.85	0.6547	935.35	0.8058	805.58
-0.6961 -0.6991	512.66 641.13	-0.8995 -0.9025	580.08 576.89	0.1023 0.1046	795.20 787.88	0.2685 0.2717	620.70 622. 4 4		1017.49	0.6570	930.57	0.8081	796.26
-0.7021	590.23	-0.9055	582.36	0.1040	786.85	0.2717	629.88		1025.65 1026.80	0.6592 0.6614	928.00 925.05	0.8103 0.8125	800.01 799.60
-0.7051	507.65	-0.9085	592.35	0.1092	779.68	0.2781	629.22		1032.66	0.6636	924.30	0.8123	789.73
-0.7080	564.28	-0.9115	598.19	0.1116	769.38	0.2813	632.00		1033.78	0.6658	919.19	0.8169	804.04
-0.7110	584.80	-0.9145	603.16	0.1139	759.27	0.2845	637.38	0.5170	1036.81	0.6681	916.17	0.8192	804.46
-0.7140	687.89	-0.9174	613.68	0.1162	746.67	0.2877	643.16		1042.19	0.6703	916.28	0.8214	805.35
-0.7170	490.60	-0.9204	623.54	0.1185	739.00	0.2909	656.95		1042.60	0.6725	911.14	0.8236	796.87
-0.7200 -0.7230	546.81 563.90	-0.9234 -0.9264	631.80 644.63	0.1209 0.1232	731.11 727.00	0.2941	662.85		1048.28	0.6747	900.78	0.8258	798.03
-0.7260	618.14	-0.9294	658.28	0.1252	721.76	0.2973 0.3005	663.36 668.19		1055.93 1060.13	0.6770 0.6792	904.38 901.43	0.8281 0.8303	793.09 794.25
-0.7290	556.75	-0.9324	670.81	0.1278	710.86	0.3037	668.19		1060.13	0.6814	894.58	0.8325	792.58
-0.7320	577.90	-0.9354	679.00	0.1302	696.36	0.3069	664.02		1064.01	0.6836	891.07	0.8347	800.94
-0.7350	494.57	-0.9384	687.01	0.1325	691.00	0.3836	792.98		1068.43	0.6858	891.52	0.8369	799.58
-0.7380	522.93	-0.9414	693.02	0.1348	688.72	0.3859	798.28		1074.04	0.6881	887.91	0.8392	823.76
-0.7409	556.23	-0.9444	710.63	0.1371	681.87	0.3881	801.56		1075.75	0.6903	884.79	0.8414	807.85
-0.7439 -0.7469	539.21 535.99	-0.9474 -0.9504	721.17 723.52	0.1395 0.1418	673.31 667.87	0.3903	810.48		1080.91	0.6925	880.45	0.8436	808.03
-0.7499	564.30	-0.9533	733.20	0.1410	664.28	0.3947	822.32 831.16		1086.40 1088.97	0.6947 0.6970	877.92 878.05	0.8458 0.8481	799.94 804.52
-0.7529	574.41	-0.9563	757.55	0.1464	657.68	0.3970	838.57	0.5481		0.6992	876.42	0.8503	807.40
-0.7559	543.07	-0.9593	758.59	0.1488	653.36	0.3992	851.38	0.5503		0.7014	871.60	0.8525	807.16
-0.7589	542.58	-0.9623	772.82	0.1511	646.86	0.4014	861.22	0.5525		0.7036		0.8547	
-0.7619		-0.9653	789.23	0.1534	641.47	0.4036	867.03	0.5547			857.97		819.12
-0.7649	590.13 558.63	-0.9683	809.73	0.1557	644.74	0.4059	871.35	0.5570		0.7081	856.33	0.8592	822.59
-0.7679 -0.7709	573.66	-0.9713 -0.9743	828.80 862.38	0.1581 0.1604	641.97 637.72	0.4081 0.4103	875.96	0.5592		0.7103	854.90	0.8614	830.51
-0.7739	590.13	-0.9773	891.16	0.1627	629.90	0.4105	881.56 883.68	0.5614 0.5636		0.7125 0.7147	851.11 845.67	0.8636 0.8658	832.46 834.87
-0.7768	594.14	-0.9803	903.21	0.1651	632.58	0.4147	888.31	0.5658		0.7170	850.93	0.8681	836.16
-0.7798	605.54	-0.9833	925.24	0.1674	627.97	0.4170	895.74	0.5681		0.7192	847.42	0.8703	839.90
-0.7828	604.69	-0.9863	952.26	0.1697	628.13	0.4192	893.08	0.5703		0.7214	846.82	0.8725	842.08
-0.7858	539.75	-0.9892	969.44	0.1720	628.06	0.4214	896.78	0.5725		0.7236	846.95	0.8747	845.71
-0.7888	521.34	-0.9922	973.22		620.51	0.4236	900.05	0.5747		0.7258	846.61	0.8769	852.70
-0.7918 -0.7948	569.11 554.51				618.54	0.4259	904.83	0.5770		0.7281	841.70	0.8792	848.60
-0.7948 -0.7978	546.34	CASE I	– Nu		618.48 617.98	0.4281 0.4303	907.47 910.35	0.5792 0.5814		0.7303 0.7325	827.35 828.83	0.8814 0.8836	858.62 865.84
-0.8008	628.32	<u> </u>	. 744		615.80	0.4305	915.52	0.5836		0.7325	822.55	0.8858	872.23
-0.8038	497.02	X/SL	Nu		613.86	0.4347	921.99	0.5858			824.03	0.8881	872.53
-0.8068	571.26	0.0302	1647.27	0.1883	605.62	0.4370	922.90	0.5881	1062.59	0.7392	820.71		883.80
-0.8098	619.59	0.0325		0.1906	601.75	0.4392	923.25	0.5903	1050.35	0.7414	825.29	0.8925	887.70
-0.8127	634.42	0.0348			601.37	0.4414	929.83	0.5925			818.58	0.8947	893.78
-0.8157	598.69 567.38	0.0372			603.30	0.4436	932.35	0.5947		0.7458	820.16		896.09
-0.8187 -0.8217	567.38 608.71	0.0395 0.0418		0.1976 0.1999	600.69 592.29	0.4459	936.88	0.5970			816.77		908.85
·U.UZ 17	JUG./ I	0.0410	1400.02	U. 1777	リアム・ム ダ	0.4481	940.86	0.5992	1000.00	0.7503	810.25	0.9014	917.88

			275									
0.0034 030 19	0.2520	580.02	-0.4897	555.24	-0.6931	576.65	-0.8965	681.85	0.0975	775.56	0.2557	665.66
0.9036 930.18	-0.2520							689.34	0.0998	774.24	0.2589	668.46
0.9058 935.70	-0.2555	551.74	-0.4927	568.94	-0.6961	567.39	-0.8995					
0.9081 938.20	-0.2590	581.25	-0.4956	580.91	-0.6991	577.98	-0.9025	687.25	0.1020	767.83	0.2621	673.81
0.9103 951.47	-0.2626	574.26	-0.4986	551.34	-0.7021	566.28	-0.9055	707.03	0.1043	762.06	0.2653	678.70
									0.1065	753.71	0.2685	679.23
0.9125 960.31	-0.2661	518.61	-0.5016	554.77	-0.7051	578.06	-0.9085	734.55				
0.9147 968.00	-0.2696	539.61	-0.5046	544.98	-0.7080	577.42	-0.9115	747.17	0.1088	752.70	0.2717	684.48
		546.22	-0.5076	556.52	-0.7110	577.29	-0.9145	742.68	0.1110	754.22	0.2749	686.13
0.9169 980.97	-0.2731								0.1133	749.76	0.2781	684.80
0.9192 995.10	-0.2767	546.84	-0.5106	617.22	-0.7140	570.22	-0.9174	731.39				
0.9214 1010.36	-0.2802	545.45	-0.5136	587.42	-0.7170	566.12	-0.9204	720.28	0.1155	739.90	0.2813	685.66
			-0.5166	581.96	-0.7200	565.24	-0.9234	724.08	0.1178	732.13	0.2845	686.57
0.9236 1023.64	-0.2837	533.58							0.1200	728.30	0.2877	693.78
0.9258 1023.50	-0.2872	588.16	-0.5196	572.26	-0.7230	597.90	-0.9264	732.56				
0.9281 1038.97	-0.2908	604.92	-0.5226	547.19	-0.7260	578.83	-0.9294	741.20	0.1223	723.68	0.2909	700.18
0.9303 1056.81	-0.2943	564.19	-0.5256	548.14	-0.7290	591.25	-0.9324	750.16	0.1245	719.79	0.2941	702.95
								759.70	0.1268	723.24	0.2973	703.75
0.9325 1076.71	-0.2978	552.77	-0.5286	547.12	-0.7320	562.02	-0.9354					
0.9347 1090.25	-0.3013	567.92	-0.5315	542.96	-0.7350	565.61	-0.9384	760.69	0.1290	716.92	0.3005	707.94
0.9369 1097.38	-0.3048	562.31	-0.5345	546.04	-0.7380	574.02	-0.9414	781.34	0.1313	707.50	0.3037	703.58
								793.43	0.1335	701.62	0.3069	703.65
0.9392 1106.53	-0.3084	531.38	-0.5375	555.77	-0.7409	588.13	-0.9444					
0.9414 1126.43	-0.3119	537.46	-0.5405	560.19	-0.7439	587.16	-0.9474	796.78	0.1358	699.52	0.3836	829.20
0.9436 1149.72	-0.3154	548.22	-0.5435	549.46	-0.7469	577.94	-0.9504	795.70	0.1380	697.22	0.3859	832.65
							-0.9533	809.29	0.1402	689.52	0.3881	839.31
0.9458 1166.29	-0.3189	549.06	-0.5465	544.29	-0.7499	563.40						
0.9481 1177.03	-0.3225	528.39	-0.5495	541.20	-0.7529	593.96	-0.9563	830.31	0.1425	685.88	0.3903	847.19
0.9503 1182.28	-0.3260	534.53	-0.5525	545.16	-0.7559	563.34	-0.9593	836.10	0.1447	683.43	0.3925	857.38
						576.83	-0.9623	846.67	0.1470	683.26	0.3947	865.02
0.9525 1217.48	-0.3295	534.82	-0.5555	540.91	-0.7589							
0.9547 1244.97	-0.3330	547.82	-0.5585	567.82	-0.7619	566.83	-0.9653	854.59	0.1492	679.14	0.3970	872.40
0.9569 1265.14	-0.3366	554.47	-0.5615	571.27	-0.7649	568.03	-0.9683	867.93	0.1515	675.14	0.3992	880.34
						575.64	-0.9713	879.45	0.1537	671.04	0.4014	888.08
0.9592 1298.26	-0.3401	544.90	-0.5645	555.84	-0.7679							
	-0.3436	568.14	-0.5674	553.72	-0.7709	570.05	-0.9743	888.73	0.1560	672.00	0.4036	894.36
X/PL Nu	-0.3471	539.18	-0.5704	549.17	-0.7739	567.45	-0.9773	900.27	0.1582	673.70	0.4059	894.46
					- · · · · - ·	579.58	-0.9803	910.61	0.1605	672.11	0.4081	899.14
-0.0004 1479.60	-0.3507	539.05	-0.5734	539.47	-0.7768							905.09
-0.0089 1437.44	-0.3542	538.70	-0.5764	558.64	-0.7798	585.42	-0.9833	929.36	0.1627	669.17	0.4103	
-0.0175 1367.31	-0.3577	536.32	-0.5794	574.71	-0.7828	583.47	-0.9863	940.31	0.1650	668.88	0.4125	912.20
			-0.5824	587.53	-0.7858	577.62	-0.9892	959.72	0.1672	666.97	0.4147	915.51
-0.0261 1280.20	-0.3612	540.33								668.73	0.4170	918.09
-0.0346 1219.90	-0.3647	548.53	-0.5854	58170	-0.7888	570.68	-0.9922	963.25	0.1695	000./3	0.41/0	
-U.U.340 1Z19.9U		~.~	-0.000-	581.79	0.7000							
						585.09	•		0.1717	668.47	0.4192	921.89
-0.0432 1194.64	-0.3683	542.82	-0.5884	570.30	-0.7918	585.09			0.1717	668.47		
-0.0432 1194.64 -0.0517 1109.21	-0.3683 -0.3718	542.82 555.31	-0.5884 -0.5914	570.30 559.51	-0.7918 -0.7948	585.09 595.33		Min	0.1717 0.1740	668.47 666.86	0.4214	922.70
-0.0432 1194.64 -0.0517 1109.21	-0.3683	542.82	-0.5884	570.30 559.51 554.92	-0.7918 -0.7948 -0.7978	585.09 595.33 591.94	CASE J	– Nu	0.1717 0.1740 0.1762	668.47 666.86 665.68	0.4214 0.4236	922.70 922.85
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61	-0.3683 -0.3718 -0.3753	542.82 555.31 554.56	-0.5884 -0.5914 -0.5944	570.30 559.51 554.92	-0.7918 -0.7948 -0.7978	585.09 595.33		<u>– Nu</u>	0.1717 0.1740	668.47 666.86	0.4214	922.70 922.85 928.28
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85	-0.3683 -0.3718 -0.3753 -0.3788	542.82 555.31 554.56 568.66	-0.5884 -0.5914 -0.5944 -0.5974	570.30 559.51 554.92 556.18	-0.7918 -0.7948 -0.7978 -0.8008	585.09 595.33 591.94 619.86	<u>CASE J</u>		0.1717 0.1740 0.1762 0.1785	668.47 666.86 665.68 667.38	0.4214 0.4236 0.4259	922.70 922.85 928.28
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824	542.82 555.31 554.56 568.66 541.30	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003	570.30 559.51 554.92 556.18 590.07	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038	585.09 595.33 591.94 619.86 584.55	<u>CASE J</u> X/SL	Nu	0.1717 0.1740 0.1762 0.1785 0.1807	668.47 666.86 665.68 667.38 668.76	0.4214 0.4236 0.4259 0.4281	922.70 922.85 928.28 931.93
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85	-0.3683 -0.3718 -0.3753 -0.3788	542.82 555.31 554.56 568.66	-0.5884 -0.5914 -0.5944 -0.5974	570.30 559.51 554.92 556.18 590.07 584.52	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068	585.09 595.33 591.94 619.86 584.55 583.68	CASE J X/SL 0.0301	Nu 1435.86	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830	668.47 666.86 665.68 667.38 668.76 667.88	0.4214 0.4236 0.4259 0.4281 0.4303	922.70 922.85 928.28 931.93 935.40
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859	542.82 555.31 554.56 568.66 541.30 541.93	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033	570.30 559.51 554.92 556.18 590.07 584.52	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068	585.09 595.33 591.94 619.86 584.55	<u>CASE J</u> X/SL	Nu 1435.86	0.1717 0.1740 0.1762 0.1785 0.1807	668.47 666.86 665.68 667.38 668.76	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325	922.70 922.85 928.28 931.93 935.40 941.22
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3894	542.82 555.31 554.56 568.66 541.30 541.93 541.31	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033 -0.6063	570.30 559.51 554.92 556.18 590.07 584.52 551.67	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098	585.09 595.33 591.94 619.86 584.55 583.68 585.77	CASE J X/SL 0.0301 0.0324	Nu 1435.86 1517.77	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852	668.47 666.86 665.68 667.38 668.76 667.88 669.73	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325	922.70 922.85 928.28 931.93 935.40
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3894 -0.3929	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033 -0.6063 -0.6093	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24	CASE J X/SL 0.0301 0.0324 0.0346	Nu 1435.86 1517.77 1457.39	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347	922.70 922.85 928.28 931.93 935.40 941.22 947.08
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3894	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033 -0.6063 -0.6093 -0.6123	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94	X/SL 0.0301 0.0324 0.0346 0.0368	Nu 1435.86 1517.77 1457.39 1437.85	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3894 -0.3929 -0.3965	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033 -0.6063 -0.6093	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0391	Nu 1435.86 1517.77 1457.39 1437.85 1392.86	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033 -0.6063 -0.6093 -0.6123 -0.6153	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0391	Nu 1435.86 1517.77 1457.39 1437.85 1392.86	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3929 -0.3965 -0.4000 -0.4035	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6093 -0.6123 -0.6153 -0.6183	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187 -0.8217	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1942	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3929 -0.3965 -0.4000 -0.4035	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6093 -0.6123 -0.6153 -0.6183	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187 -0.8217	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1942 0.1964 0.1987	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4370 0.4414 0.4436 0.4459	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0458	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1942	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4141	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 548.83	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6273	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8307	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0458	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1942 0.1964 0.1987 0.2009	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4176	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 548.83 544.06	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 555.66	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8247 -0.8307 -0.8337	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0458 0.0481 0.0503	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481 0.4503	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4111	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 548.83 544.06 544.85	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303 -0.6333	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8337 -0.8367	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0436 0.0481 0.0503 0.0526	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481 0.4503 0.4525	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4111	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 548.83 544.06 544.85	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 555.66	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8247 -0.8307 -0.8337	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0526	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481 0.4503 0.4525 0.4547	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4141 -0.4176 -0.4211 -0.4247	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 548.83 544.06 544.85 544.98	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6213 -0.6213 -0.6243 -0.6273 -0.6303 -0.6333 -0.6362	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0526	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481 0.4503 0.4525	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4141 -0.4176 -0.4211 -0.4247 -0.4282	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 549.43 549.43 549.43 549.43 549.43 549.43 549.43	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303 -0.6362 -0.6392	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.05248	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4570	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4106 -0.4111 -0.4211 -0.4247 -0.4282 -0.4317	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 548.83 544.06 544.85 544.98 550.38 545.92	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303 -0.6333 -0.6362 -0.6392 -0.6422	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 500.24 560.79 576.34 557.07	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 605.85 607.57 606.44 610.01	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.05248 0.0571 0.0593	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1458 580.83 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4106 -0.4111 -0.4211 -0.4247 -0.4282 -0.4317	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 548.83 544.06 544.85 544.98 550.38 545.92	-0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303 -0.6362 -0.6392	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0458 0.0458 0.0458 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54	0.1717 0.1740 0.1762 0.1785 0.1807 0.1852 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2054 0.2077 0.2099 0.2122	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98 664.77	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4106 -0.4110 -0.4211 -0.4247 -0.4282 -0.4317 -0.4352	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 544.06 544.85 544.98 550.38 545.92 577.49	-0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6333 -0.6362 -0.6392 -0.6422 -0.6452	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.24 560.79 576.34 557.07 581.03	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457 -0.8486	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0458 0.0458 0.0458 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3995 -0.4000 -0.4035 -0.4070 -0.4141 -0.4171 -0.4211 -0.4247 -0.4282 -0.4317 -0.4352 -0.4387	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 548.83 544.06 544.85 554.85 554.92 577.49 546.24	-0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6123 -0.6123 -0.6153 -0.6213 -0.6243 -0.6273 -0.6303 -0.6303 -0.6362 -0.6362 -0.6482 -0.6452 -0.6482	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8367 -0.8367 -0.8367 -0.8457 -0.8457 -0.8457 -0.8457 -0.8457 -0.8457 -0.8457	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78	CASE J X/SL 0.0301 0.0324 0.0346 0.0391 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0638	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28	0.1717 0.1740 0.1762 0.1785 0.1807 0.1852 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98 664.77 665.46	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4481 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28
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-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 654.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1921 552.81 -0.2027 520.18 -0.2027 520.18 -0.2062 514.66	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4111 -0.41217 -0.4224 -0.4282 -0.4317 -0.4352 -0.4387 -0.4423 -0.4423 -0.4458	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 549.43 549.43 549.43 540.6 544.85 550.38 545.92 577.49 546.24 547.64 547.98	-0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6392 -0.6452 -0.6452 -0.6452 -0.6512 -0.6512	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8247 -0.8247 -0.8307 -0.8337 -0.8367 -0.8367 -0.8427 -0.8457 -0.8457 -0.8456 -0.8516 -0.8546	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0413 0.0436 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0638 0.0661	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167 0.2189 0.2212	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98 664.77 665.46 661.90 659.57 662.06	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592 0.4681 0.4636 0.4659 0.4681 0.4703	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28 983.57 986.62 991.06 990.85
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 64.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2027 520.18 -0.2062 514.66 -0.2097 523.12	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4116 -0.4111 -0.4247 -0.4282 -0.4317 -0.4282 -0.4317 -0.4352 -0.4352 -0.4458 -0.4493	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 544.98 550.38 545.92 577.49 546.24 547.64 547.64 547.98 547.66	-0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6303 -0.6333 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6512 -0.6572	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8427 -0.8457 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0638 0.0661 0.0683 0.0663	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167 0.2189 0.2212	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98 664.77 665.46 661.90 659.57	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4414 0.4436 0.4459 0.4481 0.4503 0.4525 0.4547 0.4570 0.4592 0.4681	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28 983.57 986.62 991.06
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2027 520.18 -0.2027 520.18 -0.2062 514.66 -0.2097 523.12 -0.2132 510.80	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4111 -0.4247 -0.4282 -0.4317 -0.4352 -0.4317 -0.4352 -0.4458 -0.4423 -0.4458 -0.4458	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 540.38 545.92 577.49 546.24 547.98 547.64 547.98 547.66 550.30	-0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6303 -0.6362 -0.6392 -0.6452 -0.6452 -0.6452 -0.6512 -0.6572 -0.6572 -0.6602	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98 562.99	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8427 -0.8457 -0.8456 -0.8576 -0.8576 -0.8536 -0.8536 -0.8636	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43 632.42	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0683 0.0661 0.0683 0.0706 0.0728	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02 896.98	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167 0.2212 0.2234 0.2257	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98 664.77 665.46 661.90 669.57 662.06 660.99	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28 983.57 986.62 991.06 990.85 989.85
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2062 514.66 -0.2097 523.12 -0.2132 510.80 -0.2168 527.40	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3929 -0.3965 -0.4035 -0.4070 -0.4106 -0.4141 -0.4247 -0.4282 -0.4317 -0.4282 -0.4317 -0.4352 -0.4352 -0.4458 -0.4458 -0.4458 -0.4458 -0.4458	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 549.43 540.66 544.98 550.38 545.92 577.49 546.24 547.98 547.64 547.98 547.66 550.30 542.27	-0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6362 -0.6392 -0.6452 -0.6452 -0.6512 -0.6572 -0.6572 -0.6602 -0.6632	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98 562.99 566.74	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8427 -0.8457 -0.8457 -0.8516 -0.8546 -0.8546 -0.8636 -0.8636 -0.8636 -0.8636	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43 632.42 645.49	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0638 0.0661 0.0683 0.0706 0.0728 0.0751	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02 896.98 887.76	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1999 0.1919 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167 0.2189 0.2212 0.2234 0.2257 0.2279	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98 664.77 665.46 661.90 659.57 662.06 660.99 658.66	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4747	922.70 922.85 928.28 931.93 935.40 941.22 947.08 945.50 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28 983.57 986.62 991.06 990.85 989.85
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2027 520.18 -0.2027 520.18 -0.2062 514.66 -0.2097 523.12 -0.2132 510.80	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4111 -0.4247 -0.4282 -0.4317 -0.4352 -0.4317 -0.4352 -0.4458 -0.4423 -0.4458 -0.4458	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 540.38 545.92 577.49 546.24 547.98 547.64 547.98 547.66 550.30	-0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6303 -0.6362 -0.6392 -0.6452 -0.6452 -0.6452 -0.6512 -0.6572 -0.6572 -0.6602	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98 562.99 566.74 558.22	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8427 -0.8457 -0.8456 -0.8546 -0.8546 -0.8546 -0.8666 -0.8696	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43 632.42 645.49 635.30	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0661 0.0638 0.0661 0.0683 0.0706 0.0728 0.0751 0.0773	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02 896.98 887.76 874.59	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167 0.2189 0.2257 0.2279 0.2302	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 661.38 662.45 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98 664.77 665.46 661.90 659.57 660.99 658.66 659.66	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4770	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 955.37 962.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28 983.57 986.62 991.06 990.85 997.22 997.66
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2027 520.18 -0.2027 520.18 -0.2027 523.12 -0.2132 510.80 -0.2168 527.40 -0.2203 514.61	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3859 -0.3965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4141 -0.4247 -0.4282 -0.4317 -0.4282 -0.4317 -0.4352 -0.4352 -0.4458 -0.4458 -0.4599	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 549.43 549.43 540.66 544.98 550.38 545.92 577.49 546.24 547.64 547.64 547.64 547.64 547.65 550.30 542.27 541.95	-0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6153 -0.6153 -0.6213 -0.6243 -0.6303 -0.6362 -0.6392 -0.6422 -0.6452 -0.6452 -0.6572 -0.6572 -0.6602 -0.6632 -0.6662	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98 562.99 566.74 558.22	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8427 -0.8457 -0.8456 -0.8546 -0.8546 -0.8546 -0.8666 -0.8696	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43 632.42 645.49	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0638 0.0661 0.0683 0.0706 0.0728 0.0751	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02 896.98 887.76	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167 0.2189 0.2212 0.2234 0.2257 0.2279 0.2302 0.2302	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 661.38 662.76 667.45 663.91 660.08 657.49 661.98 664.71 665.22 661.60 661.98 664.77 665.46 661.90 659.57 662.06 669.99 658.66 659.66 659.66	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4747 0.4770 0.4792	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28 983.57 986.62 991.06 990.85 997.22 997.66 1001.19
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2027 520.18 -0.2027 520.18 -0.2037 520.18 -0.2037 514.66 -0.2033 514.61 -0.2238 536.78	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3859 -0.3929 -0.3965 -0.4000 -0.4106 -0.4111 -0.4247 -0.4282 -0.4317 -0.4282 -0.4317 -0.4282 -0.4317 -0.4282 -0.4317 -0.4282 -0.4317 -0.4282 -0.458 -0.4599 -0.4634	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 549.43 549.43 547.98 550.38 545.92 577.49 546.24 547.64 547.98 547.64 550.30 542.27 541.95 541.35	-0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6392 -0.6452 -0.6512 -0.6542 -0.6542 -0.6542 -0.6562 -0.6662 -0.6662 -0.6662 -0.6692	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98 562.99 566.74 558.22 564.59	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8457 -0.8457 -0.8457 -0.8546 -0.8546 -0.8546 -0.8546 -0.8666 -0.8696 -0.8726	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43 632.42 645.49 635.30 630.61	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0503 0.0526 0.0548 0.0571 0.0593 0.0661 0.0683 0.0661 0.0683 0.0706 0.0728 0.0751 0.0773 0.0773	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02 896.98 887.76 874.59 864.83	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167 0.2189 0.2212 0.2234 0.2257 0.2279 0.2302 0.2302	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 661.38 662.76 667.45 663.91 660.08 657.49 661.98 664.71 665.22 661.60 661.98 664.77 665.46 661.90 659.57 662.06 669.99 658.66 659.66 659.66	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4747 0.4770 0.4792	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28 983.57 986.62 991.06 990.85 997.22 997.66 1001.19
-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2027 520.18 -0.2027 520.18 -0.2037 53.12 -0.2048 527.40 -0.2168 527.40 -0.2238 536.78 -0.2273 542.31	-0.3683 -0.3718 -0.3753 -0.3788 -0.3859 -0.3894 -0.3929 -0.3965 -0.4000 -0.4035 -0.4070 -0.4111 -0.4247 -0.4282 -0.4317 -0.4282 -0.4317 -0.4282 -0.4317 -0.4423 -0.4458 -0.4458 -0.4564 -0.4599 -0.4634 -0.4687	542.82 555.31 554.56 568.66 541.30 541.93 541.31 540.46 542.23 545.60 542.36 544.06 544.85 544.98 550.38 545.92 577.49 546.24 547.64 547.64 547.65 550.30 542.27 541.35 552.23	-0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6153 -0.6153 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6392 -0.6452 -0.6512 -0.6542 -0.6512 -0.65602 -0.6662 -0.6662 -0.6662 -0.6692 -0.6721	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98 562.99 566.74 558.22 564.59 570.29	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8457 -0.8457 -0.8457 -0.8546 -0.8546 -0.8546 -0.8546 -0.8666 -0.8696 -0.8726 -0.8756	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43 630.61 654.19	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0471 0.0436 0.0458 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0638 0.0661 0.0683 0.0706 0.0708 0.0773 0.0773 0.0796 0.0818	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02 896.98 887.76 874.59 864.83 854.67	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1897 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167 0.2189 0.2212 0.2234 0.2257 0.2302 0.2302 0.2302	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 663.29 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.98 664.77 665.46 661.90 659.57 662.06 660.99 658.66 656.57 658.73	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4703 0.4772 0.4770 0.4792 0.4814	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28 983.57 986.62 991.06 990.85 989.85 997.66 1001.19 995.61
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-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2027 520.18 -0.2027 520.18 -0.2027 520.18 -0.2027 520.18 -0.2027 520.18 -0.2035 514.66 -0.2037 523.12 -0.2132 510.80 -0.2138 536.78 -0.2238 536.78 -0.2238 536.78 -0.2238 536.78 -0.2238 553.00 -0.2344 540.31	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3894 -0.3995 -0.4000 -0.4035 -0.4070 -0.4106 -0.4111 -0.4247 -0.4247 -0.4247 -0.4247 -0.4352 -0.4317 -0.4458 -0.4458 -0.4458 -0.4599 -0.4634 -0.4687 -0.4687 -0.4717 -0.4747	542.82 555.31 554.56 568.66 541.30 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 544.06 544.85 544.98 550.38 547.64 547.64 547.64 547.64 547.65 550.30 542.27 541.35 552.23 555.13 540.21	-0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303 -0.6303 -0.6362 -0.6362 -0.6452 -0.6452 -0.6572 -0.6602 -0.6602 -0.6692 -0.6721 -0.6751 -0.6781	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98 562.99 566.74 558.22 564.59 570.29 585.66 582.07	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8307 -0.8337 -0.8367 -0.8457 -0.8457 -0.8546 -0.8516 -0.8546 -0.8566 -0.8666 -0.8666 -0.8756 -0.88516	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43 632.42 645.49 635.30 630.61 654.19 649.40 649.46	X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0683 0.0766 0.0728 0.0751 0.0773 0.0773 0.0773 0.0796 0.0818 0.0841 0.0863	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02 896.98 887.76 874.59 864.83 854.67 840.15 830.06	0.1717 0.1740 0.1762 0.1785 0.1807 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2122 0.2144 0.2167 0.2189 0.2212 0.2234 0.2257 0.2234 0.2259 0.2334 0.2366 0.2398	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.90 664.77 665.46 661.90 659.57 662.06 669.96 659.66 659.66 659.66 659.66 659.66 659.66 650.56 661.62	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4459 0.4459 0.4503 0.4525 0.4547 0.4570 0.4592 0.4681 0.4703 0.4725 0.4747 0.4770 0.4792 0.4814 0.4836 0.4859 0.4881	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.28 983.57 986.62 991.06 990.85 997.22 997.66 1001.19 995.61 995.61 995.61 995.61 904.54 1006.13
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-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 64.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2027 520.18 -0.2027 520.18 -0.2027 520.18 -0.2038 536.78 -0.2132 510.80 -0.2168 527.40 -0.2238 536.78 -0.2273 542.31 -0.2308 553.00 -0.2344 540.31 -0.2379 543.77 -0.2414 528.90	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3894 -0.3929 -0.3965 -0.4070 -0.4135 -0.4070 -0.4111 -0.41247 -0.4282 -0.4317 -0.4282 -0.4317 -0.4282 -0.4317 -0.4282 -0.4317 -0.4282 -0.4317 -0.4283 -0.4458 -0.4599 -0.4634 -0.4634 -0.4637 -0.4717 -0.4717 -0.4777 -0.4777 -0.4807	542.82 555.31 554.56 568.66 541.30 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 549.43 549.43 541.98 550.38 545.92 577.49 546.24 547.64 547.66 550.30 542.27 541.35 552.23 555.13 540.21 552.97	-0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6303 -0.6362 -0.6362 -0.6452 -0.6452 -0.6512 -0.6512 -0.6562 -0.6662 -0.6662 -0.6721 -0.6721 -0.6721 -0.6721 -0.6721 -0.6721 -0.6811 -0.6841	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98 562.99 566.74 558.22 564.59 570.29 585.66 582.07 569.13 565.87	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8247 -0.8247 -0.8247 -0.8307 -0.8337 -0.8367 -0.8457 -0.8516 -0.8546 -0.8546 -0.8546 -0.8576 -0.8666 -0.8666 -0.8756 -0.8756 -0.8756 -0.8756 -0.8845 -0.884	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43 632.42 645.49 635.30 630.61 654.19 649.46 650.80 652.07	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0638 0.0661 0.0683 0.0706 0.0728 0.0751 0.0773 0.0776 0.0818 0.0841 0.0863 0.0885 0.0908	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02 896.98 887.76 874.59 864.83 854.67 840.15 830.06 822.49 809.61	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2124 0.2167 0.2189 0.2212 0.2334 0.2257 0.2302 0.2334 0.2398 0.2398 0.2430 0.2461	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.90 664.77 665.46 661.90 659.57 665.57 659.66 659.66 659.66 659.66 665.57 665.57 665.57 665.57 663.04 663.04 663.36	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4503 0.4525 0.4547 0.4570 0.4592 0.4636 0.4659 0.4681 0.4703 0.4725 0.4747 0.4770 0.4792 0.4814 0.4836 0.4885 0.4881 0.4893	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.57 986.62 991.06 990.85 989.85 997.22 997.66 1001.19 995.61 999.87 1004.54 1006.13 1011.51
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-0.0432 1194.64 -0.0517 1109.21 -0.0603 1013.61 -0.0688 955.85 -0.0774 891.40 -0.0859 817.59 -0.0945 755.03 -0.1030 705.63 -0.1116 664.64 -0.1201 630.83 -0.1287 602.42 -0.1372 592.52 -0.1458 580.83 -0.1544 567.94 -0.1629 555.61 -0.1715 548.26 -0.1800 542.00 -0.1886 536.58 -0.1921 532.27 -0.1956 545.14 -0.1991 552.81 -0.2027 520.18 -0.2027 520.18 -0.2027 520.18 -0.2038 514.66 -0.2038 553.00 -0.2344 540.31 -0.2379 543.77	-0.3683 -0.3718 -0.3753 -0.3788 -0.3824 -0.3859 -0.3894 -0.39965 -0.4000 -0.4035 -0.4070 -0.4106 -0.4111 -0.4247 -0.4282 -0.4317 -0.4282 -0.4387 -0.4423 -0.4458 -0.4458 -0.4458 -0.4564 -0.4594 -0.4564 -0.4594 -0.4717 -0.4747 -0.4777	542.82 555.31 554.56 568.66 541.30 541.31 540.46 542.23 545.60 542.36 544.13 549.43 549.43 549.43 549.43 549.43 549.43 549.43 541.98 550.38 545.92 577.49 546.24 547.64 547.66 550.30 542.27 541.35 552.23 555.13 540.21 552.97	-0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6303 -0.6362 -0.6362 -0.6452 -0.6452 -0.6512 -0.6512 -0.6562 -0.6662 -0.6662 -0.6721 -0.6721 -0.6721 -0.6721 -0.6721 -0.6721 -0.6811 -0.6841	570.30 559.51 554.92 556.18 590.07 584.52 551.67 543.48 548.45 573.23 573.00 566.21 573.49 558.36 600.24 560.79 576.34 557.07 581.03 600.56 562.32 601.94 574.98 562.99 566.74 558.22 564.59 570.29 585.66 582.07 569.13 565.87	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8247 -0.8247 -0.8247 -0.8307 -0.8337 -0.8367 -0.8457 -0.8516 -0.8546 -0.8546 -0.8546 -0.8576 -0.8666 -0.8666 -0.8756 -0.8756 -0.8756 -0.8756 -0.8845 -0.884	585.09 595.33 591.94 619.86 584.55 583.68 585.77 602.24 631.94 621.62 591.23 589.82 594.73 594.13 601.63 605.85 607.57 606.44 610.01 609.55 611.78 620.11 619.83 640.43 632.42 645.49 635.30 630.61 654.19 649.46 650.80 652.07	CASE J X/SL 0.0301 0.0324 0.0346 0.0368 0.0391 0.0413 0.0436 0.0458 0.0481 0.0503 0.0526 0.0548 0.0571 0.0593 0.0616 0.0638 0.0661 0.0683 0.0706 0.0728 0.0751 0.0773 0.0776 0.0818 0.0841 0.0863 0.0885 0.0908	Nu 1435.86 1517.77 1457.39 1437.85 1392.86 1307.81 1252.93 1214.56 1180.48 1136.67 1099.99 1073.18 1041.67 1013.53 986.54 959.28 940.30 929.31 915.02 896.98 887.76 874.59 864.83 854.67 840.15 830.06 822.49 809.61	0.1717 0.1740 0.1762 0.1785 0.1807 0.1830 0.1852 0.1875 0.1919 0.1942 0.1964 0.1987 0.2009 0.2032 0.2054 0.2077 0.2099 0.2124 0.2167 0.2189 0.2212 0.2334 0.2257 0.2302 0.2334 0.2398 0.2398 0.2430 0.2461	668.47 666.86 665.68 667.38 668.76 667.88 669.73 665.74 661.38 662.76 667.45 663.91 660.08 657.49 664.71 665.22 661.60 661.90 664.77 665.46 661.90 659.57 665.57 659.66 659.66 659.66 659.66 659.66 663.04 663.04 663.36	0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4747 0.4770 0.4792 0.4814 0.4836 0.4881 0.4889 0.4881 0.4903 0.4925	922.70 922.85 928.28 931.93 935.40 941.22 947.08 948.56 952.00 955.37 962.01 964.94 971.39 973.28 972.27 980.44 976.52 981.19 983.57 986.62 991.06 990.85 989.85 997.22 997.66 1001.19 995.61 999.87 1004.54 1006.13 1011.51

0.4970	1018.81	0.6481	953.10	0.7992	825.39	0.9503	1137.53	-0.3337	558.80	-0.5286	600.14	-0.7320	612.74
	1022.89	0.6503	952.48	0.8014			1155.92	-0.3372	563.52				
										-0.5315	598.54	-0.7350	725.08
	1027.95	0.6525	946.46	0.8036			1179.47	-0.3407	563.58	-0.5345	603.54	-0.7380	741.41
0.5036	1023.45	0.6547	944.55	0.8058	825.15	0.9569	1202.26	-0.3443	564.16	-0.5375	600.06	-0.7409	746.10
0.5059	1030.36	0.6570	965.08	0.8081	829.73	0.9592	1239.33	-0.3478	560.57	-0.5405	617.08	-0.7439	606.93
	1032.30	0.6592	943.35	0.8103		0.7072	1207.00	-0.3513					
							••		564.71	-0.5435	598.53	-0.7469	595.66
	1034.23	0.6614	931.55	0.8125		X/PL	Nu	-0.3548	579.72	-0.5465	607.21	-0.7499	620.62
	1039.73	0.6636	925.60	0.8147		-0.0332	1351.71	-0.3584	567.82	-0.5495	611.09	-0.7529	616.31
0.5147	1043.55	0.6658	925.11	0.8169	826.52		1229.33	-0.3619	580.78	-0.5525	602.63	-0.7559	636.56
0.5170	1044.09	0.6681	917.34	0.8192			1112.11	-0.3654	578.64	-0.5555	600.82	-0.7589	630.01
	1048.93	0.6703	925.34	0.8214	831.54								
							1042.18	-0.3689	560.66	-0.5585	596.52	-0.7619	636.90
	1053.65	0.6725	921.07	0.8236	825.04	-0.0675	972.50	-0.3724	565.07	-0.5615	604.35	-0.7649	642.12
	1057.19	0.6747	916.48	0.8258	832.49	-0.0760	883.63	-0.3760	565.93	-0.5645	619.38	-0.7679	580.78
0.5259	1064.90	0.6770	919.97	0.8281	833.85	-0.0846	805.08	-0.3795	565.47	-0.5674	600.67	-0.7709	604.91
0.5281	1066.36	0.6792	918.52	0.8303	831.35	-0.0931	750.77	-0.3830	563.64	-0.5704	590.48	-0.7739	642.90
	1067.41	0.6814	911.82	0.8325	825.17			-0.3865					
						-0.1017	708.66		566.63	-0.5734	586.97	-0.7768	629.26
	1072.38	0.6836	901.37	0.8347	827.65	-0.1102	666.23	-0.3901	571.16	-0.5764	591.85	-0.7798	602.11
	1081.65	0.6858	907.36	0.8369	835.63	-0.1188	634.22	-0.3936	567.94	-0.5794	593.66	-0.7828	605.73
0.5370	1085.80	0.6881	903.47	0.8392	835.32	-0.1273	626.60	-0.3971	568.84	-0.5824	599.12	-0.7858	633.56
	1082.75	0.6903	899.90	0.8414	840.05	-0.1359	614.92	-0.4006	574.30	-0.5854	598.37	-0.7888	646.27
	1087.93	0.6925	901.01	0.8436	824.15								
						-0.1444	598.69	-0.4042	573.73	-0.5884	603.10	-0.7918	639.76
	1095.38	0.6947	895.45	0.8458	818.57	-0.1530	585.07	-0.4077	568.28	-0.5914	587.19	-0.7948	659.65
0.5459	1094.99	0.6970	898.48	0.8481	813.45	-0.1615	575.26	-0.4112	568.49	-0.5944	597.22	-0.7978	654.89
0.5481	1099.68	0.6992	896.72	0.8503	815.27	-0.1701	573.88	-0.4147	568.54	-0.5974	607.69	-0.8008	650.97
0.5503	1106.10	0.7014	904.00	0.8525	818.84	-0.1786	565.01	-0.3999	583.22	-0.6003	585.19	-0.8038	660.32
	1108.10	0.7036	896.44	0.8547	849.97								
						-0.1822	559.23	-0.3999	573.31	-0.6033	588.57	-0.8068	647.49
	1111.74	0.7058	894.85	0.8569	826.08	-0.1857	570.50	-0.4029	589.82	-0.6063	591.68	-0.8098	633.51
	1112.71	0.7081	889.14	0.8592	821.97	-0.1892	583.38	-0.4059	579.09	-0.6093	578.72	-0.8127	642.57
0.5592	1110.32	0.7103	884.50	0.8614	814.27	-0.1927	546.43	-0.4089	572.85	-0.6123	561.67	-0.8157	654.52
0.5614	1109.68	0.7125	876.01	0.8636	818.56	-0.1963	540.48	-0.4119	547.32	-0.6153	516.74	-0.8187	656.50
	1115.36	0.7147	873.88	0.8658	817.45	-0.1998	550.92	-0.4149	569.56	-0.6183	491.33	-0.8217	643.49
	1111.91	0.7170	878.98	0.8681									
					822.19	-0.2033	537.06	-0.4179	572.73	-0.6213	586.40	-0.8247	666.15
	1108.31	0.7192	872.63	0.8703	811.85	-0.2068	552.85	-0.4209	569.57	-0.6243	594.20	-0.8277	685.37
0.5703	1105.27	0.7214	868.48	0.8725	809.59	-0.2104	540.69	-0.4238	572.42	-0.6273	601.48	-0.8307	681.92
0.5725	1105.44	0.7236	867.36	0.8747	822.35	-0.2139	554.13	-0.4268	571.65	-0.6303	609.28	-0.8337	668.45
	1102.24	0.7258	871.14	0.8769	824.78	-0.2174	587.38	-0.4298	559.25	-0.6333	605.75	-0.8367	667.97
	1089.24	0.7281	868.40	0.8792	832.26			-0.4328	587.84				
						-0.2209	591.01			-0.6362	626.15	-0.8397	673.40
	1088.57	0.7303	861.31	0.8814	834.61	-0.2245	566.86	-0.4358	576.24	-0.6392	632.58	-0.8427	673.51
0.5814	1083.12	0.7325	860.89	0.8836	842.89	-0.2280	536.24	-0.4388	584.38	-0.6422	634.82	-0.8457	670.03
0.5836	1080.68	0.7347	862.58	0.8858	849.44	-0.2315	556.19	-0.4418	606.35	-0.6452	628.74	-0.8486	660.28
0.5858	1071.34	0.7370	864.24	0.8881	853.32	-0.2350	554.51	-0.4448	609.98	-0.6482	607.66	-0.8516	686.95
	1063.65	0.7392	863.29	0.8903	866.89	-0.2385	600.96	-0.4478	572.46	-0.6512	609.89	-0.8546	679.49
	1061.93												
		0.7414	857.54	0.8925	889.03	-0.2421	577.07	-0.4508	581.54	-0.6542	596.05	-0.8576	690.73
	1055.85	0.7436	850.34	0.8947	890.06	-0.2456	578.54	-0.4538	588.20	-0.6572	593.23	-0.8606	702.12
	1047.85	0.7458	848.10	0.8969	887.10	-0.2491	602.93	-0.4568	594.93	-0.6602	609.64	-0.8636	728.14
0.5970	1044.11	0.7481	842.34	0.8992	887.37	-0.2526	570.95	-0.4597	582.08	-0.6632	602.24	-0.8666	706.97
	1042.77	0.7503	843.50	0.9014	899.70	-0.2562	545.41	-0.4627	587.44	-0.6662	592.22	-0.8696	715.60
	1037.65	0.7525	848.32	0.9036	904.67	-0.2597	563.15	-0.4657	590.13	-0.6692	615.28	-0.8726	707.63
	1031.38		841.29										
		0.7547		0.9058	914.83	-0.2632	573.60	-0.4687	589.89	-0.6721	617.42	-0.8756	732.70
	1029.97	0.7570	837.46	0.9081	917.95	-0.2667	579.26	-0.4717	600.69	-0.6751	610.22	-0.8786	745.35
0.6081	1028.37	0.7592	832.95	0.9103	919.69	-0.2703	570.79	-0.4747	607.12	-0.6781	603.23	-0.8816	733.95
0.6103	1019.62	0.7614	835.91	0.9125	933.45	-0.2738	558.57	-0.4777	594.44	-0.6811	602.19	-0.8845	738.63
	1016.55	0.7636	837.09	0.9147	940.44	-0.2773	584.11	-0.4807	596.17	-0.6841	606.75	-0.8875	723.41
0.6147		0.7658	839.31	0.9169			/00/07						
					955.58	-0.2808	633.27	-0.4837	573.84	-0.6871	615.31	-0.8905	730.81
0.6170		0.7681	831.81	0.9192	965.17	-0.2844	631.45	-0.4867	582.49	-0.6901	625.52	-0.8935	748.65
0.6192		0.7703	826.03	0.9214	975.05	-0.2879	566.13	-0.4897	565.42	-0.6931	606.71	-0.8965	774.81
0.6214	999.44	0.7725	834.05	0.9236	979.53	-0.2914	584.13	-0.4927	584.14	-0.6961	609.03	-0.8995	770.53
0.6236	993.94	0.7747	833.39	0.9258	986.87	-0.2949	585.27	-0.4956	708.98	-0.6991	616.46	-0.9025	780.00
	990.21	0.7770	829.23	0.9281		-0.2984		-0.4986	604.59	-0.7021	619.54	-0.9055	780.51
							558.65						
0.6281	988.47	0.7792	830.73	0.9303		-0.3020	564.06	-0.5016	584.99	-0.7051	623.67	-0.9085	772.31
0.6303	981.48	0.7814	828.89	0.9325		-0.3055	573.27	-0.5046	590.16	-0.7080	637.23	-0.9115	772.43
0.6325	979.93	0.7836	828.32	0.9347	1042.60	-0.3090	578.94	-0.5076	672.90	-0.7110	638.60	-0.9145	787.17
0.6347	967.01	0.7858	827.00	0.9369		-0.3125	554.00	-0.5106	671.15	-0.7140	637.66	-0.9174	795.84
0.6370	966.42	0.7881	829.12	0.9392		-0.3161	559.24	-0.5136	599.39	-0.7170	597.13	-0.9204	811.93
0.6392	969.99	0.7903	835.48	0.9414		-0.3196	559.36	-0.5166	609.12	-0.7200	616.98	-0.9234	808.85
0.6414	972.13	0.7925	830.43	0.9436		-0.3231	572.19	-0.5196	610.68	-0.7230	600.68	-0.9264	805.64
0.6436	965.15	0.7947	823.05	0.9458	1117.88	-0.3266	579.76	-0.5226	600.23	-0.7260	596.05	-0.9294	808.10
0.6458	956.29	0.7969	822.32	0.9481		-0.3302	570.34	-0.5256	590.58	-0.7290	601.86	-0.9324	834.66
							J. J.J.						

				- 13				£.	20				
0.0054	700.05	0.1077	770 47	0.2877	700 40	0.5281	1010 05	0.6792	890.07	0.8303	776.91	-0.0655	OR NADE
	799.05	0.1276	779.47		700.69							-0.0740	967.02
	858.66	0.1297	775.84	0.2909	704.98	0.5303		0.6814	885.62	0.8325	776.53		
-0.9414 8	881.38	0.1318	778.99	0.2941	699.63	0.5325		0.6836	875.92	0.8347	782.29	-0.0826	880.62
-0.9444 8	883.64	0.1339	782.30	0.2973	700.22	0.5347	1027.05	0.6858	876.92	0.8369	786.73	-0.0911	820.79
	896.43	0.1360	772.87	0.3005	703.22	0.5370	1032.55	0.6881	871.65	0.8392	784.25	-0.0997	774.19
	874.95	0.1381	758.95	0.3881	819.59	0.5392		0.6903	868.32	0.8414	781.48	-0.1082	727.33
									861.80	0.8436	778.15	-0.1168	691.89
	935.40	0.1402	761.38	0.3903	825.14	0.5414		0.6925					683.17
-0.9563	972.44	0.1423	757.95	0.3925	831.00	0.5436		0.6947	866.53	0.8458	781.46	-0.1253	
-0.9593	973.26	0.1444	752.02	0.3947	838.01	0.5459	1041.84	0.6970	865.04	0.8481	781.27	-0.1339	670.04
	973.51	0.1464	751.20	0.3970	844.94	0.5481	1045.91	0.6992	855.69	0.8503	783.88	-0.1424	651.91
	998.87	0.1485	747.60	0.3992	851.77	0.5503		0.7014	856.73	0.8525	779.17	-0.1510	636.70
						0.5525		0.7036	855.77	0.8547	779.26	-0.1596	625.63
	993.30	0.1506	743.28	0.4014	858.40						775.26	-0.1681	623.76
-0.9713 10		0.1527	741.09	0.4036	863.42	0.5547		0.7058	853.68	0.8569			
-0.9743 10	027.76	0.1548	741.31	0.4059	867.74	0.5570	1053.39	0.7081	855.88	0.8592	779.16	-0.1767	613.76
-0.9773 10	045.35	0.1569	736.56	0.4081	873.58	0.5592	1052.26	0.7103	851.09	0.8614	777.76	-0.1802	607.12
-0.9803 10		0.1590	731.51	0.4103	880.52	0.5614	1053.33	0.7125	848.97	0.8636	782.55	-0.1837	619.02
-0.9833 10		0.1611	730.86	0.4125	883.79	0.5636		0.7147	843.58	0.8658	788.25	-0.1872	632.68
						0.5658		0.7170	846.28	0.8681	787.88	-0.1908	592.21
-0.9863 10		0.1632	735.85	0.4147	886.11			-				-0.1943	585.43
-0.9892 11	110.48	0.1653	735.42	0.4170	890.33	0.5681		0.7192	842.82	0.8703	790.98		
		0.1674	735.80	0.4192	892.94	0.5703		0.7214	831.19	0.8725	807.20	-0.1978	596.42
		0.1695	734.66	0.4214	896.70	0.5725	1049.72	0.7236	837.19	0.8747	815.00	-0.2013	581.10
CASE K -	- Nu	0.1716	730.11	0.4236	896.93	0.5747	1048.51	0.7258	838.81	0.8769	815.71	-0.2048	597.92
AUAR 17.		0.1737	728.73	0.4259	898.60	0.5770		0.7281	838.68	0.8792	809.73	-0.2084	584.42
V (6)	M.					0.5792		0.7303	831.90	0.8814	815.14	-0.2119	598.66
X/SL	Nu	0.1757	732.04	0.4281	903.66							-0.2225	611.48
0.0355 15		0.1778	730.19	0.4303	905.26	0.5814		0.7325	830.27	0.8836	820.59		
0.0376 18	554.81	0.1799	726.43	0.4325	910.64	0.5836		0.7347	824.57	0.8858	826.72	-0.2260	578.11
0.0397 15	540.27	0.1820	728.13	0.4347	916.80	0.5858	1035.27	0.7370	823.16	0.8881	830.03	-0.2295	599.33
0.0418 14		0.1841	728.99	0.4370	919.72	0.5881	1028.86	0.7392	829.07	0.8903	831.29	-0.2330	597.24
		0.1862	723.52	0.4392	923.57	0.5903		0.7414	827.40	0.8925	845.59	-0.2401	620.95
0.0439 14						0.5925		0.7436	825.74	0.8947	845.02	-0.2436	622.24
0.0460 13		0.1883	714.94	0.4414	925.68							-0.2471	648.17
0.0481 13	322.51	0.1904	717.08	0.4436	927.69	0.5947		0.7458	818.71	0.8969	842.10		
0.0502 12	291.71	0.1925	722.80	0.4459	930.32	0.5970	1007.49	0.7481	823.41	0.8992	845.49	-0.2507	613.47
0.0523 12		0.1946	721.81	0.4481	933.07	0.5992	1002.01	0.7503	821.09	0.9014	855.91	-0.2542	585.76
0.0544 12		0.1967	716.19	0.4503	936.15	0.6014	997.16	0.7525	819.72	0.9036	869.16	-0.2577	604.55
				0.4525	939.86	0.6036	995.06	0.7547	812.48	0.9058	867.15	-0.2612	615.49
0.0565 1		0.1988	721.88					0.7570	820.23	0.9081	865.77	-0.2648	621.29
0.0585 1	147.73	0.2009	731.94	0.4547	941.15	0.6058	990.51						
0.0606 1	119.73	0.2030	724.80	0.4570	946.49	0.6081	992.02	0.7592	807.22	0.9103	874.92	-0.2683	611.92
0.0627 10	097.53	0.2050	717.62	0.4592	946.03	0.6103	986.29	0.7614	805.76	0.9125	887.16	-0.2718	598.56
0.0648 10		0.2071	710.33	0.4614	946.93	0.6125	981.19	0.7636	816.30	0.9147	885.04	-0.2753	625.66
0.0669 10		0.2092	707.36	0.4636	948.72	0.6147	975.45	0.7658	804.11	0.9169	895.25	-0.2859	605.63
		0.2113	715.25	0.4659	950.61	0.6170	971.43	0.7681	805.27	0.9192	909.83	-0.2894	624.63
0.0690 10								0.7703	807.57	0.9214	919.41	-0.2929	625.59
0.0711 10		0.2134	714.09	0.4681	954.29	0.6192	976.50					-0.2965	596.90
	989.91	0.2155	708.55	0.4703	956.00	0.6214	970.51	0.7725	799.57	0.9236	926.04		
0.0753	972.92	0.2176	702.34	0.4725	955.48	0.6236	971.09	0.7747	803.93	0.9258	926.10	-0.3000	602.44
	959.02	0.2197	702.50	0.4747	955.25	0.6258	967.51	0.7770	806.40	0.9281	938.42	-0.3035	612.03
	948.98	0.2218	705.37	0.4770	960.19	0.6281	965.14	0.7792	804.51	0.9303	956.32	-0.3070	617.86
			700.55	0.4792	963.11	0.6303	959.24	0.7814	801.13	0.9325	968.15	-0.3106	590.99
	939.09	0.2239	700.65	0.4814	961.15	0.6325	950.89	0.7836	801.47	0.9347	969.10	-0.3141	596.36
	925.92	0.2260				0.6347	948.65	0.7858	801.23	0.9369	980.60	-0.3176	596.25
	912.81	0.2281	705.12	0.4836	964.92					0.9392		-0.3211	609.70
	902.97	0.2302	695.36	0.4859	966.39	0.6370	943.33	0.7881	796.83				
0.0899 8	892.36	0.2302	692.31	0.4881	966.70	0.6392	948.57	0.7903	804.05		1006.52	-0.3247	617.52
	880.59	0.2334	696.31	0.4903	969.40	0.6414	939.86	0.7925	800.94		1017.80	-0.3282	607.28
	868.98	0.2366	700.64	0.4925	971.62	0.6436	934.32	0.7947	800.80	0.9458	1032.30	-0.3317	594.77
	859.16	0.2398	701.40	0.4947	973.17	0.6458	929.14	0.7969	792.31	0.9481	1038.00	-0.3352	599.56
		0.2430	694.66	0.4970	977.79	0.6481	927.45	0.7992	792.14		1045.21	-0.3387	599.42
	844.22					0.6503	927.45	0.8014	786.85		1061.73	-0.3423	599.82
	838.23	0.2461	690.86	0.4992	982.47							-0.3458	595.79
0.1025	831.54	0.2493	694.55	0.5014	983.92	0.6525	921.28	0.8036	796.44		1082.20		
0.1046	831.56	0.2525	694.69	0.5036	987.24	0.6547	920.08	0.8058	798.27		1108.01	-0.3493	599.97
	825.84	0.2557	697.67	0.5059	989.65	0.6570	916.08	0.8081	791.24	0.9592	1131.76	-0.3528	615.65
	819.83	0.2589	704.49	0.5081	991.55	0.6592	914.34	0.8103	797.10			-0.3564	602.86
		0.2621	721.10	0.5103	992.83	0.6614	912.49	0.8125	792.49	X/PL	Nu	-0.3599	616.40
	817.93			0.5105	989.99	0.6636	909.27	0.8147	794.09		1456.59	-0.3634	613.92
	810.70	0.2653	713.51						785.68		1408.68	-0.3669	594.65
	808.19	0.2685	710.97			0.6658	912.20	0.8169					
	809.74	0.2717	717.80		1001.73	0.6681	901.30	0.8192	798.08		1376.72	-0.3705	599.14
0.1192	804.24	0.2749	706.76		1002.12	0.6703	908.43	0.8214	790.76	-0.0313	1484.55	-0.3740	599.84
	790.18	0.2781	699.61		1006.24	0.6725	899.72	0.8236	790.46	-0.0398	1349.20	-0.3775	599.16
	779.73	0.2813	696.30		1004.08	0.6747	892.68	0.8258	786.68		1219.49	-0.3810	597.03
		0.2845	704.93		1014.82	0.6770	893.57	0.8281	787.00		1141.84	-0.3846	600.01
0.1255	783.36	0.2040	/ 04.93	0.0207	1014.02	5.0770	Q70.07	5.0201	. 500	5,0007	, ,		

-0.3881	604.62	-0.6692	639.22	-0.8726	697.34	0.0906	634.41	0.2224	422.42	0.4401	775 00	0 / 100	057.07
-0.3916									633.42	0.4681	775.03	0.6192	
		-0.6721	647.40	-0.8756		0.0926		0.2243	613.88	0.4703	775.85	0.6214	859.39
-0.3951	601.77	-0.6751	643.32	-0.8786		0.0945		0.2263	635.90	0.4725	777.80	0.6236	880.20
-0.3986	607.34	-0.6781	644.56	-0.8816		0.0965	606.67	0.2282	647.49	0.4747	787.19	0.6258	850.58
-0.4022	606.57	-0.6811	642.04	-0.8845	715.16	0.0984	595.87	0.2302	631.76	0.4770	783.03	0.6281	839.22
-0.4057	600.63	-0.6841	641.40	-0.8875		0.1003	587.00	0.2302	596.17	0.4792	788.25	0.6303	843.55
-0.4092		-0.6871	645.90	-0.8905		0.1023	587.18	0.2334	611.06	0.4814	793.97	0.6325	835.35
-0.4127	600.52	-0.6901	632.42	-0.8935		0.1042	584.00	0.2366	593.01	0.4836	790.16		
-0.4163	606.22	-0.6931		-0.8965								0.6347	842.57
			625.21		748.37	0.1061	571.34	0.2398	589.84	0.4859	790.25	0.6370	824.89
-0.4198	603.00	-0.6961	627.00	-0.8995	769.20	0.1081	566.00	0.2430	587.31	0.4881	793.87	0.6392	830.07
-0.4233	634.42	-0.6991	628.41	-0.9025	761.64	0.1100	563.46	0.2461	584.25	0.4903	794.99	0.6414	823.19
-0.4268	601.49	-0.7021	618.12	-0.9055	751.22	0.1120	556.86	0.2493	580.97	0.4925	797.05	0.6436	826.65
-0.4304	602.60	-0.7051	620.52	-0.9174	881.44	0.1139	554.42	0.2525	588.17	0.4947	805.76	0.6458	820.40
-0.4339	603.40	-0.7080	622.38	-0.9204	788.75	0.1158	551.30	0.2557	576.37	0.4970	805.45	0.6481	842.11
-0.4374	603.42	-0.7110	620.64	-0.9234	800.82	0.1178	548.22	0.2589	579.42	0.4992	809.03	0.6503	841.86
-0.4409	607.43	-0.7140	627.63	-0.9264	804.15	0.1197	543.04	0.2621	582.65	0.5014			
-0.3999	584.49	-0.7170	622.32	-0.9294							810.40	0.6525	839.70
					806.84	0.1216	543.08	0.2653	596.28	0.5036	812.11	0.6547	835.27
-0.4418	559.89	-0.7200	623.08	-0.9324	818.85	0.1236	544.09	0.2685	615.30	0.5059	812.58	0.6570	814.84
-0.4448	566.11	-0.7230	624.72	-0.9354	822.78	0.1255	542.31	0.2717	626.81	0.5081	819.27	0.6592	825.76
-0.4478	560.83	-0.7260	635.70	-0.9384	823.67	0.1275	556.89	0.2749	632.57	0.5103	819.41	0.6614	821.81
-0.4508	564.30	-0.7290	628.30	-0.9414	838.68	0.1294	555.59	0.2781	636.81	0.5125	832.07	0.6636	836.01
-0.4538	563.66	-0.7320	629.98	-0.9444	864.41	0.1313	586.36	0.2813	664.21	0.5147	827.02	0.6658	817.69
-0.4568	576.36	-0.7350	619.35	-0.9474	876.66	0.1333	609.84	0.2845	741.50	0.5170	839.44	0.6681	805.10
-0.4597	574.90	-0.7380	616.47	-0.9504	876.35	0.1352	618.08	0.2877	784.13	0.5192	844.68	0.6703	791.45
-0.4627	568.81	-0.7409	613.76	-0.9533	896.10	0.1371	588.64	0.2909	663.22	0.5214	846.73	0.6725	
-0.4657	568.18	-0.7439	612.56	-0.9563									815.75
					918.38	0.1391	560.54	0.2941	653.96	0.5236	843.47	0.6747	824.02
-0.4687	573.37	-0.7469	624.44	-0.9593	916.52	0.1410	572.48	0.2973	626.97	0.5259	852.16	0.6770	811.11
-0.4717	567.25	-0.7499	633.78	-0.9623	933.03	0.1430	596.51	0.3005	634.30	0.5281	852.43	0.6792	813.35
-0.4747	585.67	-0.7529	618.20	-0.9653	936.74	0.1449	650.78	0.3037	620.55	0.5303	854.88	0.6814	812.62
-0.4777	579.47	-0.7559	615.24	-0.9683	936.83	0.1468	657.55	0.3069	642.33	0.5325	859.26	0.6836	780.65
-0.4807	635.52	-0.7589	612.44	-0.9713	956.14	0.1488	675.31	0.3836	645.45	0.5347	870.72	0.6858	775.29
-0.4837	624.59	-0.7619	620.79	-0.9743	942.69	0.1507	671.89	0.3859	652.13	0.5370	871.02	0.6881	777.16
-0.5375	618.79	-0.7649	632.30	-0.9773	971.45	0.1526	653.66	0.3881	651.93	0.5392	877.66	0.6903	780.98
-0.5405	636.41	-0.7679	622.44	-0.9803	977.94	0.1546	665.30	0.3903	651.72	0.5414	875.99	0.6925	762.27
-0.5435	594.13	-0.7709	626.90	-0.9833		0.1565	664.33	0.3925	658.81	0.5436	894.49	0.6947	761.99
-0.5465	592.54	-0.7739	633.95	-0.9863		0.1585	658.51						
-0.5495	586.28							0.3947	666.04	0.5459	890.35	0.6970	768.55
		-0.7768	615.98	-0.9892		0.1604	644.79	0.3970	669.62	0.5481	891.15	0.6992	757.27
-0.5525	586.80	-0.7798	625.15	-0.9922		0.1623	636.96	0.3992	672.73	0.5503	900.71	0.7014	747.49
-0.5555	579.75	-0.7828	614.27	CASE L	<u>– Nu</u>	0.1643	631.36	0.4014	679.19	0.5525	897.95	0.7036	750.55
-0.5585	578.35	-0.7858	613.74			0.1662	628.05	0.4036	679.06	0.5547	901.90	0.7058	738.38
-0.5615	582.33	-0.7888	613.12	X/SL	Nu	0.1682	630.11	0.4059	688.89	0.5570	914.55	0.7081	746.26
-0.5645	578.19	-0.7918	627.00	0.0383	859.40	0.1701	637.44	0.4081	694.71	0.5592	910.91	0.7103	747.24
-0.5674	654.21	-0.7948	632.59	0.0403	875.57	0.1720	645.68	0.4103	695.82	0.5614	905.84	0.7125	750.70
-0.5704	618.43	-0.7978	641.08	0.0422	883.30	0.1740	632.03	0.4125	697.91	0.5636	915.84	0.7147	761.28
-0.5734	578.35	-0.8008	628.12	0.0441	886.34	0.1759	631.76	0.4147	708.36	0.5658	916.88	0.7170	762.83
-0.5764	587.30	-0.8038	620.94	0.0461	893.12	0.1778	635.81	0.4170	715.35	0.5681	913.28	0.7192	742.45
-0.5914	596.03	-0.8068	618.19	0.0480	898.98	0.1778		0.4170		0.5703	914.60	0.7214	
-0.5944	590.54		634.03										747.00
				0.0499	898.91	0.1817		0.4214		0.5725		0.7236	769.66
-0.5974	595.90	-0.8127	629.60	0.0519	890.14	0.1837	631.23	0.4236	722.66	0.5747	916.68	0.7258	772.37
-0.6003	594.49	-0.8157	637.41	0.0538	867.34	0.1856	657.15	0.4259	723.41	0.5770	914.02	0.7281	769.71
-0.6033	590.26	-0.8187	647.00	0.0558	872.48	0.1875	647.42	0.4281	732.57	0.5792	903.29	0.7303	713.06
-0.6063	644.32	-0.8217	653.82	0.0577	861.51	0.1895	675.40	0.4303	737.35	0.5814	903.10	0.7325	742.57
-0.6093	603.02	-0.8247	645.89	0.0596	857.58	0.1914	697.86	0.4325	740.51	0.5836	907.04	0.7347	753.00
-0.6123	601.64	-0.8277	646.74	0.0616	844.51	0.1933	686.10	0.4347	738.10	0.5858	891.69	0.7370	730.77
-0.6153	611.02	-0.8307	648.62	0.0635	824.26	0.1953	671.51		746.16	0.5881	897.46	0.7392	713.81
-0.6183	651.34	-0.8337	655.43	0.0654	801.77	0.1972	680.07	0.4392	746.22	0.5903	888.73	0.7414	721.16
-0.6273	619.50	-0.8367	654.16	0.0674	781.10	0.1992	680.27	0.4414	755.96	0.5925	892.77	0.7436	725.82
-0.6303	610.94	-0.8397	674.43	0.0693	764.76	0.2011	690.02		754.11	0.5947	880.02	0.7458	709.35
-0.6362	614.88	-0.8427	667.90			0.2030	675.07			0.5947			
				0.0713	740.12				755.79		876.53	0.7481	706.32
-0.6392	621.87	-0.8457	673.65	0.0732	720.58	0.2050	673.98	0.4481	760.95	0.5992	880.27	0.7503	700.40
-0.6422	577.26	-0.8486	692.15	0.0751	711.27	0.2069	643.46	0.4503	764.18	0.6014	872.23	0.7525	696.85
-0.6452	623.24	-0.8516	685.09	0.0771	703.90	0.2088	652.42		761.87	0.6036	881.40	0.7547	704.76
-0.6482	659.44	-0.8546	707.88	0.0790	687.49	0.2108	645.53		764.12	0.6058	865.43	0.7570	705.78
-0.6512	623.79	-0.8576	700.23	0.0810	671.65	0.2127	649.19	0.4570	766.77	0.6081	876.97	0.7592	709.90
-0.6572	618.25	-0.8606	800.07	0.0829	665.08	0.2147	635.00		772.30	0.6103	888.10	0.7614	715.46
-0.6602	624.02		698.42	0.0848	656.18	0.2166	632.86		770.45	0.6125	871.36	0.7636	712.21
-0.6632	625.72		698.69	0.0868	648.82	0.2185	662.88		773.13		872.58	0.7658	704.91
-0.6662	618.14	-0.8696	698.45	0.0887	637.11	0.2205	640.26		774.98	0.6170	870.98	0.7681	692.21
				0.0007	JU/ 11 1			100/		5.5170	J. J. 70	J., JJ ,	

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0.7703	698.34	0.9214	875.99	-0.2901	413.97	-0.5734	384.92	-0.7768	381.22	-0.9803	533.80	0.1566	0.3900
0.7725	704.90	0.9236	885.40	-0.2936	412.13	-0.5764	385.35	-0.7798	381.66	-0.9833	539.77	0.1585	0.3800
0.7747	702.81	0.9258	887.99	-0.2971	418.67	-0.5794	386.39	-0.7828	382.65	-0.9863	548.03	0.1605	0.3860
0.7770	671.63	0.9281	899.93	-0.3007	411.43	-0.5824	386.63	-0.7858	382.69	-0.9892	555.30	0.1624	0.3890
		0.9303	916.43	-0.3042	410.25	-0.5854	386.65	-0.7888	381.53	-0.9922	561.36	0.1643	0.3900
0.7792	685.19					-0.5884	387.22	-0.7918	380.43	0.,,,	001.00	0.1663	0.4000
0.7814	680.32	0.9325	923.54	-0.3077	409.75			-0.7948	380.26			0.1682	0.3780
0.7836	700.33	0.9347	943.32	-0.3112	409.70	-0.5914	388.25			OACE		0.1701	0.3900
0.7858	697.15	0.9369	954.17	-0.3148	408.82	-0.5944	389.22	-0.7978	380.54	CASE	<u>. – η</u>		
0.7881	695.55	0.9392	966.34	-0.3183	406.33	-0.5974	389.99	-0.8008	381.09			0.1721	0.3960
0.7903	684.52	0.9414	980.24	-0.3218	405.06	-0.6003	390.26	-0.8038	381.32	X/SL	η	0.1740	0.3990
0.7925	688.99	0.9436	983.67	-0.3253	404.57	-0.6033	389.81	-0.8068	383.06	0.0442	0.5012	0.1760	0.4001
0.7947	698.04	0.9458	1012.05	-0.3289	403.96	-0.6063	391.53	-0.8098	383.24	0.0461	0.4824	0.1779	0.4000
0.7969	674.37	0.9481	1057.27	-0.3324	403.33	-0.6093	391.91	-0.8127	382.94	0.0481	0.4509	0.1798	0.3981
0.7992	693.67	0.9503	1050.95	-0.3359	402.55	-0.6123	392.03	-0.8157	381.55	0.0500	0.3767	0.1818	0.4005
0.8014	681.66		1008.47	-0.3394	401.97	-0.6153	393.29	-0.8187	382.04	0.0519	0.3336	0.1837	0.3980
0.8036	688.49		1030.32	-0.3430	402.27	-0.6183	394.51	-0.8217	382.68	0.0539	0.2872	0.1856	0.3890
0.8058	678.98		1149.22	-0.3465	402.28	-0.6213	396.78	-0.8247	383.83	0.0558	0.2567	0.1876	0.3780
			1207.36	-0.3500	402.43	-0.6243	396.28	-0.8277	385.01	0.0577	0.2275	0.1895	0.3900
0.8081	663.53	0.9092	1207.30	-0.3535	402.62	-0.6273	396.35	-0.8307	385.70	0.0597	0.2073	0.1915	0.4000
0.8103	656.50	V / / / / /	A1		403.09	-0.6303	396.04	-0.8337	385.76	0.0077	0.1983	0.1934	0.3998
0.8125	661.71	X/PL	Nu	-0.3571				-0.8367	386.48	0.0636	0.1903	0.1953	0.4100
0.8147	655.74	-0.0103	1293.93	-0.3606	403.31	-0.6333	395.90					0.1973	0.4092
0.8169	652.08	-0.0189		-0.3641	403.22	-0.6362	396.95	-0.8397	386.94	0.0655	0.1785		0.4110
0.8192	648.41	-0.0274	1183.71	-0.3676	402.82	-0.6392	396.57	-0.8427	387.84	0.0674	0.1754	0.1992	
0.8214	649.83	-0.0360	1003.79	-0.3711	403.56	-0.6422	395.30	-0.8457	388.79	0.0694	0.1734	0.2011	0.4056
0.8236	656.13	-0.0445	898.47	-0.3747	403.06	-0.6452	395.92	-0.8486	389.06	0.0713	0.1536	0.2031	0.4008
0.8258	646.12	-0.0531	773.56	-0.3782	402.65	-0.6482	397.16	-0.8516	389.24	0.0732	0.1581	0.2050	0.3951
0.8281	646.05	-0.0616	682.81	-0.3817	401.88	-0.6512	396.54	-0.8546	389.97	0.0752	0.1576	0.2070	0.3956
0.8303	645.39	-0.0702	630.46	-0.3852	401.57	-0.6542	396.65	-0.8576	390.84	0.0771	0.1443	0.2089	0.3896
0.8325	647.46	-0.0787	587.55	-0.3888	400.40	-0.6572	397.05	-0.8606	392.05	0.0791	0.1406	0.2108	0.3955
0.8347	643.29	-0.0873	528.49	-0.3923	400.67	-0.6602	396.58	-0.8636	393.32	0.0810	0.1512	0.2128	0.3843
0.8369	646.70	-0.0958	496.25	-0.3958	400.10	-0.6632	396.22	-0.8666	394.56	0.0829	0.1415	0.2147	0.3809
0.8392	652.70	-0.1044	463.16	-0.3993	399.59	-0.6662	396.70	-0.8696	396.10	0.0849	0.1456	0.2166	0.3866
0.8372	660.37		440.42	-0.4029	399.02	-0.6692	400.44	-0.8726	397.93	0.0868	0.1398	0.2186	0.3780
		-0.1130	425.49	-0.4064	398.36	-0.6721	397.28	-0.8756	399.42	0.0888	0.1507	0.2205	0.3890
0.8436	649.46	-0.1215		-0.4099	398.30	-0.6751	396.98	-0.8786	400.07	0.0907	0.1516	0.2225	0.3786
0.8458	654.31	-0.1301	405.78	-0.4099	398.68	-0.6781	398.42	-0.8816	401.64	0.0926	0.1499	0.2244	0.3799
0.8481	659.42	-0.1386	397.39		398.37	-0.6811	397.58	-0.8845	404.23	0.0946	0.1419	0.2263	0.3625
0.8503	666.93	-0.1472	384.37	-0.4170		-0.6841	396.82	-0.8875	406.47	0.0745	0.1431	0.2283	0.3539
0.8525	671.59	-0.1557	397.41	-0.4205	397.76	-0.6871	396.04	-0.8905	407.94	0.0984	0.1484	0.2302	0.3578
0.8547	685.07	-0.1643	395.06	-0.4240	397.59			-0.8935	410.46	0.1004	0.1579	0.2302	0.3592
0.8569	681.45	-0.1728	400.23	-0.4275	397.42	-0.6901	397.17		412.64		0.1560	0.2334	0.3617
0.8592	681.31	-0.1814	383.45	-0.4310	397.57	-0.6931	397.52	-0.8965		0.1023		0.2366	0.3653
0.8614	693.28	-0.1899	358.57	-0.4346	397.82	-0.6961	396.77	-0.8995	414.92	0.1043	0.1638	0.2398	0.3665
0.8636	702.49	-0.1985	320.80	-0.4381	396.74	-0.6991	396.18	-0.9025	418.02	0.1062	0.1574	0.2430	0.3659
0.8658	710.53	-0.2020	326.85	-0.4416	396.47	-0.7021	392.81	-0.9055	421.23	0.1081	0.1625		0.3720
0.8681	714.48	-0.2055	320.06	-0.4451	396.73	-0.7051	391.70	-0.9085	425.24	0.1101	0.1659	0.2462	
0.8703	715.86	-0.2091	335.54	-0.4487	396.97	-0.7080	391.07	-0.9115	428.13	0.1120	0.1642	0.2494	0.3758
0.8725	722.94	-0.2126	354.12	-0.4522	396.60	-0.7110	391.33	-0.9145	430.80	0.1139		0.2526	0.3737
0.8747	719.00	-0.2161	346.68	-0.4557	396.34	-0.7140	390.60	-0.9174		0.1159	0.1840	0.2558	0.3751
0.8769	734.61	-0.2196	348.81	-0.4592	394.72	-0 .7170	389.04	-0.9204	438.64	0.1178	0.1820	0.2590	0.3818
0.8792	747.67	-0.2232	380.76	-0.4628	392.64	-0.7200	388.20	-0.9234	441.87	0.1198	0.1752	0.2622	0.3828
0.8814	751.68	-0.2267	362.20	-0.4663	391.44	-0.7230	388.16	-0.9264	445.56	0.1217	0.1789	0.2654	0.3832
0.8836	756.16	-0.2302	356.26	-0.4698	389.97	-0.7260	388.83	-0.9294	448.97	0.1236	0.1789	0.2686	0.3946
0.8858	765.61	-0.2337	372.38	-0.4733	388.77	-0.7290	387.70	-0.9324	453.20	0.1256	0.1853	0.2718	0.4016
0.8881	767.93	-0.2372	383.88	-0.4769	387.50	-0.7320	384.72	-0.9354	456.41	0.1275	0.1955	0.2750	0.3860
0.8903	769.08	-0.2408	392.37	-0.4804	385.33	-0.7350	384.46	-0.9384	461.42	0.1294	0.2060	0.2782	0.4203
0.8925	778.32	-0.2443	406.41	-0.4839	384.15		385.66	-0.9414	464.87	0.1314	0.2204	0.2814	0.4807
0.8947	779.52	-0.2478	408.40	-0.4874	382.15		386.65	-0.9444	469.99	0.1333	0.2354	0.2846	0.5131
0.8969	790.27	-0.2513	419.36	-0.4910	381.10	-0.7439	386.83	-0.9474	473.04	0.1353	0.2484	0.2878	0.5311
0.8992	801.55			-0.5435	382.06	-0.7469	384.57	-0.9504	476.91	0.1372	0.2558	0.2910	0.4202
		-0.2549		-0.5465	381.84	-0.7499	382.98	-0.9533	482.15	0.1372	0.2689	0.2942	0.5410
0.9014	804.23	-0.2584	423.05		380.87	-0.7529	382.28	-0.9563	485.54	0.1391	0.2009	0.2974	0.5335
0.9036	810.36	-0.2619	419.26	-0.5495		-0.7559	381.66	-0.9593	490.87	0.1411	0.3522	0.3006	0.5535
0.9058	817.55	-0.2654	414.46	-0.5525	381.78			-0.9593	495.67	0.1430	0.3322	0.3038	0.5662
0.9081	822.79	-0.2690	404.96	-0.5555	381.62	-0.7589	381.57				0.3500	0.3069	0.4338
0.9103	828.06	-0.2725	412.86	-0.5585	382.02	-0.7619	381.22	-0.9653	501.13	0.1469		0.3837	0.3678
0.9125	844.81	-0.2760		-0.5615	382.55	-0.7649	380.43	-0.9683	507.41	0.1488	0.3600	0.3837	0.3535
0.9147	847.17	-0.2795		-0.5645	383.24	-0.7679	380.16	-0.9713	512.89	0.1508	0.3700	0.3859	0.3380
0.9169	848.88	-0.2831	415.79	-0.5674	384.02	-0.7709	380.36	-0.9743	519.75	0.1527	0.3500		0.3345
0.9192	866.66	-0.2866	414.50	-0.5704	385.12	-0.7739	380.76	-0.9773	526.29	0.1546	0.3800	0.3881	0.0040

0.3904	0.3383	0.5415	0.2397	0.6926	0.1922	0.0401	0.0000	0.0000	00/50				
										-0.4416		-0.6631	0.1447
0.3926		0.5437		0.6948			0.0880	-0.2055	0.2457	-0.4451	0.1820	-0.6661	0.1442
0.3948	0.3254	0.5459	0.2335	0.6970	0.2047	0.8526	0.0873	-0.2090	0.2517	-0.4486	0.1829	-0.6691	0.1477
0.3970	0.3193	0.5481	0.2283	0.6992	0.1776	0.8548	0.1076		0.2513	-0.4521	0.1811	-0.6721	0.1434
0.3992		0.5503	0.2421	0.7014									
								-0.2161	0.2684	-0.4557	0.1786	-0.6751	0.1414
0.4015		0.5526	0.2269	0.7037				-0.2196	0.2898	-0.4592		-0.6781	0.1426
0.4037		0.5548	0.2198	0.7059		0.8614	0.1059	-0.2231	0.3153	-0.4627	0.1786	-0.6811	0.1370
0.4059	0.3463	0.5570	0.2233	0.7081	0.1742	0.8637	0.1152	-0.2266	0.2787	-0.4662	0.1783	-0.6841	0.1376
0.4081	0.3533	0.5592		0.7103		0.8659		-0.2302	0.2598	-0.4698	0.1771	-0.6871	0.1357
0.4104		0.5615	0.2250	0.7126		0.8681	0.0950						
0.4126								-0.2337	0.2683	-0.4733	0.1774	-0.6900	
		0.5637		0.7148		0.8703	0.0890	-0.2372	0.2701	-0.4768	0.1779	-0.6930	0.1380
0.4148		0.5659		0.7170		0.8726	0.0930	-0.2407	0.2777	-0.4803	0.1733	-0.6960	0.1368
0.4170	0.3484	0.5681	0.2209	0.7192	0.1932	0.8748	0.0880	-0.2442	0.2861	-0.4839	0.1725	-0.6990	0.1400
0.4192	0.3512	0.5703	0.2117	0.7214	0.1909	0.8770	0.0940	-0.2478	0.2798	-0.4874	0.1689	-0.7020	0.1328
0.4215	0.3438	0.5726	0.2250	0.7237		0.8792	0.1000	-0.2513	0.2866	-0.4909	0.1718	-0.7050	0.1300
0.4237	0.3361	0.5748	0.2253	0.7259	0.1898	0.8814	0.1030	-0.2548					
									0.2938	-0.4944	0.1718	-0.7080	0.1309
0.4259	0.3352	0.5770	0.2175	0.7281	0.2029	0.8837	0.1100	-0.2583	0.3098	-0.4979	0.1712	-0.7110	0.1297
0.4281	0.3373	0.5792	0.1997	0.7303	0.1696	0.8859	0.1200	-0.2619	0.3177	-0.5015	0.1705	-0.7140	0.1281
0.4304	0.3361	0.5815	0.2026	0.7326	0.1902	0.8881	0.1230	-0.2654	0.3223	-0.5050	0.1700	-0.7170	0.1229
0.4326	0.3362	0.5837	0.2247	0.7348	0.2032	0.8903	0.1020	-0.2689	0.3045	-0.5085	0.1661	-0.7200	0.1215
0.4348	0.3316	0.5859	0.2168	0.7370	0.1869	0.8926	0.1000	-0.2724	0.3080	-0.5120			
0.4370	0.3367	0.5881	0.2241	0.7392	0.1720	0.8948					0.1659	-0.7230	0.1207
							0.1100	-0.2760	0.2918	-0.5156	0.1665	-0.7259	0.1220
0.4392	0.3281	0.5903	0.2131	0.7414	0.1727	0.8970	0.1200	-0.2795	0.2908	-0.5191	0.1654	-0.7289	0.1209
0.4415	0.3317	0.5926	0.2207	0.7437	0.1802	0.8992	0.0890	-0.2830	0.2728	-0.5226	0.1663	-0.7319	0.1115
0.4437	0.3327	0.5948	0.2031	0.7459	0.1749	0.9014	0.1040	-0.2865	0.2682	-0.5261	0.1691	-0.7349	0.1140
0.4459	0.3313	0.5970	0.2061	0.7481	0.1630	0.9037	0.0890	-0.2901	0.2752	-0.5297	0.1652	-0.7379	0.1184
0.4481	0.3308	0.5992	0.2117	0.7503	0.1582	0.9059	0.0960	-0.2936	0.2716	-0.5332	0.1649	-0.7409	0.1213
0.4503	0.3313	0.6015	0.2255	0.7526	0.1568	0.9081	0.0990						
0.4526								-0.2971	0.2863	-0.5367	0.1640	-0.7439	0.1204
	0.3277	0.6037	0.2082	0.7548	0.1690	0.9103	0.1100	-0.3006	0.2730	-0.5402	0.1612	-0.7469	0.1158
0.4548	0.3211	0.6059	0.1951	0.7570	0.1650	0.9126	0.1200	-0.3041	0.2646	-0.5438	0.1590	-0.7499	Ō.1142
0.4570	0.3271	0.6081	0.2035	0.7592	0.1716	0.9148	0.1080	-0.3077	0.2553	-0.5473	0.1583	-0.7529	0.1125
0.4592	0.3208	0.6103	0.2245	0.7614	0.1698	0.9170	0.1100	-0.3112	0.2577	-0.5508	0.1570	-0.7559	0.1123
0.4615	0.3232	0.6126	0.2113	0.7637	0.1641	0.9192	0.0990	-0.3147	0.2489	-0.5543	0.1549	-0.7588	0.1126
0.4637	0.3219	0.6148	0.2110	0.7659	0.1668	0.9214	0.1000	-0.3182					
0.4659	0.3206		0.2154						0.2375	-0.5579	0.1553	-0.7618	0.1122
		0.6170		0.7681	0.1555	0.9237	0.1060	-0.3218	0.2313	-0.5614	0.1545	-0.7648	0.1097
0.4681	0.3228	0.6192	0.2161	0.7703	0.1571	0.9259	0.1276	-0.3253	0.2282	-0.5649	0.1502	-0.7678	0.1080
0.4703	0.3163	0.6215	0.2178	0.7726	0.1651	0.9281	0.1308	-0.3288	0.2238	-0.5684	0.1375	-0.7708	0.1096
0.4726	0.3092	0.6237	0.2232	0.7748	0.1683	0.9303	0.1100	-0.3323	0.2140	-0.5704	0.1358	-0.7738	0.1107
0.4748	0.3135	0.6259	0.2054	0.7770	0.1485	0.9325	0.1178	-0.3359	0.2116	-0.5734	0.1359	-0.7768	0.1141
0.4770	0.3093	0.6281	0.2112	0.7792	0.1538	0.9348	0.1160	-0.3394	0.2064	-0.5764	0.1345	-0.7798	0.1139
0.4792	0.3042	0.6303	0.2106	0.7814	0.1486	0.9370	0.1219	-0.3429	0.2040				
0.4815										-0.5794	0.1378	-0.7828	0.1166
	0.3066	0.6326	0.2036	0.7837	0.1569	0.9392	0.1150	-0.3464	0.2011	-0.5823	0.1374	-0.7858	0.1140
0.4837	0.3062	0.6348	0.2037	0.7859	0.1541	0.9414	0.1194	-0.3500	0.2000	-0.5853	0.1388	-0.7888	0.1111
0.4859	0.3004	0.6370	0.1897	0.7881	0.1565	0.9437	0.1027	-0.3535	0.2012	-0.5883	0.1405	-0.7918	0.1118
0.4881	0.2937	0.6392	0.1928	0.7903	0.1463	0.9459	0.0780	-0.3570	0.2041	-0.5913	0.1407	-0.7947	0.1113
0.4903	0.2842	0.6415	0.1913	0.7926	0.1505	0.9481	0.0933	-0.3605	0.2059	-0.5943	0.1450	-0.7977	0.1111
0.4926		0.6437	0.1854	0.7948		0.9503		-0.3640		-0.5973		-0.8007	
	0.2923		0.2131	0.7970		0.9525	0.1402		0.2032				
										-0.6003	0.1439	-0.8037	0.1116
0.4970	0.2918	0.6481	0.2175	0.7992	0.1523	0.9548	0.0420	-0.3711	0.2068	-0.6033	0.1447	-0.8067	0.1163
0.4992	0.2852	0.6503	0.2212	0.8014	0.1428	0.9570	0.0695	-0.3746	0.2027	-0.6063	0.1461	-0.8097	0.1109
0.5015	0.2837	0.6526	0.2007	0.8037	0.1499	0.9592	0.1065	-0.3781	0.2029	-0.6093	0.1468	-0.8127	0.1095
0.5037	0.2830	0.6548	0.1982	0.8059	0.1418			-0.3817	0.2004	-0.6123	0.1471	-0.8157	0.1037
0.5059	0.2721	0.6570	0.2090	0.8081	0.1284	X/PL	η	-0.3852	0.1983	-0.6153	0.1454	-0.8187	0.1011
0.5081	0.2758	0.6592	0.2045	0.8103	0.1171	-0.0787	0.4259	-0.3887	0.1967	-0.6182		-0.8217	
0.5103	0.2696			0.8126							0.1484		0.1002
		0.6615	0.2001		0.1206	-0.0872	0.3484	-0.3922	0.2005	-0.6212	0.1528	-0.8247	0.1015
0.5126	0.2657	0.6637	0.2184	0.8148	0.1136	-0.0958	0.3135	-0.3958	0.1980	-0.6242	0.1541	-0.8277	0.1038
0.5148	0.2688	0.6659	0.2184	0.8170	0.1089	-0.1044	0.2959	-0.3993	0.1969	-0.6272	0.1519	-0.8306	0.1058
0.5170	0.2710	0.6681	0.2155	0.8192	0.0996	-0.1129	0.2876	-0.4028	0.1948	-0.6302	0.1530	-0.8336	0.1074
0.5192	0.2718		0.1916	0.8214	0.0992	-0.1215	0.2805	-0.4063	0.1923	-0.6332	0.1508	-0.8366	0.1064
0.5215	0.2717		0.1899	0.8237	0.1080	-0.1300	0.2601	-0.4099	0.1921	-0.6362	0.1502	-0.8396	0.1025
0.5237	0.2596		0.2197	0.8259	0.0972								
0.0207						-0.1386	0.2730		0.1942	-0.6392	0.1479	-0.8426	0.1026
0.5259	0.2604		0.1988	0.8281	0.1014	-0.1471	0.2805	-0.4169	0.1957	-0.6422	0.1487	-0.8456	0.1034
0.5281	0.2561		0.2098	0.8348	0.0911	-0.1557	0.2977		0.1943	-0.6452	0.1484	-0.8486	0.1004
0.5303	0.2526		0.2146	0.8370	0.0935	-0.1642	0.3125	-0.4240	0.1929	-0.6482	0.1510	-0.8516	0.1022
0.5326	0.2399	0.6837	0.1907	0.8392	0.0936		0.3302		0.1937	-0.6512	0.1473	-0.8546	0.0999
0.5348	0.2492		0.1955	0.8414	0.0949		0.3435		0.1930	-0.6541	0.1475	-0.8576	0.1027
0.5370	0.2471		0.1972	0.8437	0.0878		0.3384		0.1918	-0.6571	0.1509		0.1027
0.5392	0.2506		0.1972	0.8459	0.0880								
0.0072	0.2000	0.0700	0.10/0	0.0407	0.0000	-0.1984	0.2931	-0.4380	0.1857	-0.6601	0.1491	-0.8636	0.0932

00//5	0.0007	0.0007	450 45	0.0005	400 E7	0.4450	745.52	0.6170	865.34	0.7681	678.71	0.9192	783.47
-0.8665	0.0897	0.0887	658.45	0.2205	628.57	0.4659							
-0.8695	0.0916	0.0906	645.24	0.2224	623.15	0.4681	748.54	0.6192	869.32	0.7703	678.84	0.9214	794.48
-0.8725	0.0953	0.0926	643.29	0.2243	611.64	0.4703	754.95	0.6214	858.07	0.7725	680.85	0.9236	804.62
		0.0945	627.88	0.2263	610.34	0.4725	755.48	0.6236	851.68	0.7747	676.93	0.9258	811.47
-0.8755	0.0928					-						0.9281	820.10
-0.8785	0.0897	0.0965	615.23	0.2282	607.91	0.4747	764.58	0.6258	847.10	0.7770	678.80		
-0.8815	0.0900	0.0984	600.32	0.2302	603.13	0.4770	767.63	0.6281	861.50	0.7792	674.72	0.9303	825.40
	0.0928	0.1003	596.82	0.2302	599.34	0.4792	778.86	0.6303	842.88	0.7814	685.94	0.9325	840.20
-0.8845												0.9347	851.87
-0.8875	0.0939	0.1023	591.28	0.2334	593.42	0.4814	785.07	0.6325	833.02	0.7836	670.77		
-0.8905	0.0920	0.1042	579.64	0.2366	597.58	0.4836	787.53	0.6347	835.24	0.7858	669.86	0.9369	872.50
		0.1061	572.24	0.2398	592.88	0.4859	795.82	0.6370	836.85	0.7881	684.50	0.9392	876.91
-0.8935	0.0936									0.7903		0.9414	892.67
-0.8965	0.0939	0.1081	578.04	0.2430	591.88	0.4881	802.09	0.6392	834.86		671.83	•••	
-0.8995	0.0935	0.1100	574.36	0.2461	594.71	0.4903	806.43	0.6414	825.66	0.7925	665.29	0.9436	896.84
-0.9024	0.0955	0.1120	538.47	0.2493	592.63	0.4925	808.26	0.6436	820.70	0.7947	666.70	0.9458	907.61
									822.91	0.7969	674.90	0.9481	923.26
-0.9054	0.0967	0.1139	527.58	0.2525	592.96	0.4947	811.67	0.6458					
-0.9084	0.0979	0.1158	534.96	0.2557	596.22	0.4970	819.01	0.6481	835.30	0.7992	668.90	0.9503	937.29
-0.9114	0.0971	0.1178	566.88	0.2589	599.34	0.4992	828.46	0.6503	823.33	0.8014	665.20	0.9525	957.62
						0.5014	829.67	0.6525	802.42	0.8036	660.60	0.9547	969.02
-0.9144	0.0961	0.1197	566.12	0.2621	602.47								
-0.9174	0.0964	0.1216	544.27	0.2653	606.08	0.5036	834.11	0.6547	806.63	0.8058	658.80	0.9569	
-0.9204	0.0980	0.1236	546.50	0.2685	615.67	0.5059	844.68	0.6570	820.58	0.8081	666.00	0.9592	1115.77
			548.72	0.2717	629.81	0.5081	844.26	0.6592	812.76	0.8103	667.85		
-0.9234	0.0981	0.1255										VA	Nu
-0.9264	0.1006	0.1275	550.25	0.2749	636.72	0.5103	848.13	0.6614	793.51	0.8125	655.17	X/PL	
-0.9294	0.1010	0.1294	556.32	0.2781	624.63	0.5125	853.39	0.6636	794.57	0.8147	656.75	-0.0103	1222.24
-0.9324	0.1031	0.1313	571.08	0.2813	629.36	0.5147	858.27	0.6658	802.41	0.8169	662.60	-0.0189	1105.43
									789.75	0.8192	662.64		1029.72
-0.9353	0.1028	0.1333	601.12	0.2845	674.25	0.5170	868.44	0.6681					
-0.9383	0.1037	0.1352	645.70	0.2877	704.16	0.5192	871.55	0.6703	779.13	0.8214	662.56	-0.0360	968.10
-0.9413	0.1031	0.1371	696.15	0.2909	684.90	0.5214	869.98	0.6725	772.02	0.8236	667.93	-0.0445	889.21
			632.08	0.2941	597.69	0.5236	880.38	0.6747	779.66	0.8258	662.39	-0.0531	805.70
-0.9443	0.1058	0.1391											
-0.9473	0.1028	0.1410	598.78	0.2973	590.68	0.5259	873.12	0.6770	778.95	0.8281	663.94	-0.0616	736.97
-0.9503	0.1034	0.1430	595.23	0.3005	603.81	0.5281	870.80	0.6792	772.90	0.8303	660.38	-0.0702	691.26
-0.9533	0.1014	0.1449	625.87	0.3037	611.23	0.5303	886.42	0.6814	772.44	0.8325	668.07	-0.0787	640.91
							885.00	0.6836	776.42	0.8347	670.54	-0.0873	618.24
-0.9563	0.0966	0.1468	742.11	0.3069	615.37	0.5325							
-0.9593	0.0978	0.1488	761.95	0.3836	570.04	0.5347	892.81	0.6858	773.09	0.8369	666.29	-0.0958	576.30
-0.9623	0.0950	0.1507	740.60	0.3859	583.35	0.5370	896.58	0.6881	763.31	0.8392	661.14	-0.1044	566.20
	0.0950	0.1526	701.92	0.3881	597.78	0.5392	909.84	0.6903	758.04	0.8414	657.80	-0.1130	531.52
-0.9653												-	522.51
-0.9683	0.0963	0.1546	688.39	0.3903	593.93	0.5414	909.94	0.6925	769.25	0.8436	661.92	-0.1215	
-0.9712	0.0930	0.1565	715.11	0.3925	588.56	0.5436	903.59	0.6947	764.55	0.8458	672.32	-0.1301	496.80
-0.9742	0.0932	0.1585	726.51	0.3947	596.21	0.5459	913.43	0.6970	755.80	0.8481	667.61	-0.1386	468.36
				0.3970	595.35	0.5481	915.54	0.6992	756.66	0.8503	670.38	-0.1472	466.76
-0.9772	0.0963	0.1604	712.33										443.12
-0.9802	0.0957	0.1623	707.02	0.3992	610.46	0.5503	919.64	0.7014	749.78	0.8525	665.73	-0.1557	
-0.9832	0.0907	0.1643	709.69	0.4014	616.94	0.5525	921.01	0.7036	743.81	0.8547	673.58	-0.1643	444.25
-0.9862	0.0902	0.1662	720.84	0.4036	624.05	0.5547	918.00	0.7058	753.25	0.8569	671.55	-0.1728	424.69
								0.7081	735.87	0.8592	673.74	-0.1814	431.04
-0.9892	0.0884	0.1682	722.06	0.4059	624.48	0.5570	925.24						
-0.9922	0.0847	0.1701	705.32	0.4081	634.45	0.5592	931.29	0.7103	738.43	0.8614	682.07	-0.1899	428.88
-0.9922	0.0847	0.1720	703.20	0.4103	641.68	0.5614	936.34	0.7125	733.49	0.8636	679.20	-0.1985	420.26
		0.1740	697.63	0.4125	653.87	0.5636	927.86	0.7147	735.84	0.8658	681.87	-0.2020	425.37
				0.4147	654.90	0.5658	919.37	0.7170	728.63	0.8681	678.68	-0.2055	405.86
		0.1759	708.12										
CASE M	<u> – Nu</u>	0.1778	716.20	0.4170	657.17	0.5681	924.63	0.7192	726.08	0.8703	683.39	-0.2091	405.50
		0.1798	697.97	0.4192	675.84	0.5703	930.76	0.7214	723.32	0.8725	684.67	-0.2126	388.24
X/SL	Nu	0.1817	698.09	0.4214	690.18	0.5725	932.55	0.7236	728.82	0.8747	695.42	-0.2161	398.05
		0.1837	716.81	0.4236	697.80	0.5747	922.86	0.7258	719.34	0.8769	688.00	-0.2196	380.04
0.0519	900.21												
0.0538	892.82	0.1856	696.10	0.4259	699.88		921.09	0.7281	713.74	0.8792	689.50	-0.2232	366.89
0.0558	865.97	0.1875	693.74	0.4281	700.38	0.5792	919.25	0.7303	733.65	0.8814	694.20	-0.2267	365.92
0.0577	862.21	0.1895	685.43	0.4303	693.38	0.5814	921.99	0.7325	717.83	0.8836	706.74	-0.2302	359.92
				0.4325	690.77	0.5836	929.19	0.7347	711.37	0.8858	703.02	-0.2337	369.31
0.0596	845.81	0.1914	698.50										
0.0616	835.78	0.1933	686.00	0.4347	699.56	0.5858	914.41	0.7370	702.86	0.8881	704.24	-0.2372	362.40
0.0635	819.93	0.1953	699.90	0.4370	706.95	0.5881	918.47	0.7392	716.10	0.8903	709.19	-0.2408	376.36
0.0654	812.44	0.1972	672.73	0.4392	715.28	0.5903	911.50	0.7414	711.92	0.8925	713.74	-0.2443	377.29
								0.7436	696.89	0.8947	724.53	-0.2478	383.51
0.0674	805.17	0.1992	669.30	0.4414	722.94	0.5925	898.77						
0.0693	788.10	0.2011	674.93	0.4436	717.97	0.5947	890.25	0.7458	697.02	0.8969	726.21	-0.2513	395.81
0.0713	762.87	0.2030	658.25	0.4459	708.52	0.5970	894.00	0.7481	694.17	0.8992	735.06	-0.2549	394.65
0.0732	750.13	0.2050	667.30	0.4481	707.71	0.5992	892.17	0.7503	692.58	0.9014	738.68	-0.2584	421.08
								0.7525	693.66	0.9036	742.05	-0.2619	419.10
0.0751	736.31	0.2069	653.72	0.4503	713.90	0.6014	883.59						
0.0771	738.02	0.2088	660.45	0.4525	717.27	0.6036	890.83	0.7547	688.67	0.9058	747.46	-0.2654	443.48
0.0790	716.18	0.2108	649.95	0.4547	723.01	0.6058	876.35	0.7570	688.64	0.9081	748.77	-0.2690	447.74
0.0810	694.79	0.2127	641.64	0.4570	722.87	0.6081	869.52	0.7592	698.47	0.9103	760.74	-0.2725	458.79
									684.17	0.9125	767.60	-0.2760	477.62
0.0829	699.76	0.2147	638.62	0.4592	728.41	0.6103	869.50	0.7614					
0.0848	695.76	0.2166	635.83	0.4614	733.41	0.6125	868.89	0.7636	686.20	0.9147	773.41	-0.2795	469.48
0.0868	674.35	0.2185	637.20	0.4636	738.26	0.6147	865.09	0.7658	679.47	0.9169	787.16	-0.2831	478.02
J.J.J.J	J. 7100		·- - -										

-0.2866	468.72	-0.5226	394.33	-0.7260	389.50	-0.9294	411.96	0.1275	0.2878	0.2750	0.3839	0.5001	0.0547
-0.2901	493.36	-0.5256	396.68				_					0.5081	0.2567
				-0.7290	387.51	-0.9324	416.37	0.1294	0.2927	0.2782	0.4242	0.5103	0.2520
-0.2936	505.62	-0.5286	389.48	-0.7320	385.51	-0.9354	420.49	0.1314	0.3023	0.2814	0.4621	0.5126	0.2616
-0.2971	514.02	-0.5315	388.16	-0.7350	381.82	-0.9384	423.80	0.1333	0.3101	0.2846	0.4877	0.5148	0.2547
-0.3007	509.14	-0.5345	386.51	-0.7380	382.05	-0.9414	428.60	0.1353	0.3633	0.2878	0.4907	0.5170	0.2570
-0.3042		-0.5375	388.80	-0.7409	382.87								
						-0.9444	432.92	0.1372	0.3572	0.2910	0.4686	0.5192	0.2486
-0.3077	489.47	-0.5405	390.94	-0.7439	382.82	-0.9474	437.86	0.1391	0.3547	0.2942	0.4851	0.5215	0.2439
-0.3112	496.42	-0.5435	390.18	-0.7469	381.53	-0.9504	443.01	0.1411	0.3414	0.2974	0.5172	0.5237	0.2460
-0.3148	491.94	-0.5465	390.41	-0.7499	380.52	-0.9533	448,44	0.1430	0.3337	0.3006	0.5323	0.5259	0.2367
-0.3183	485.39	-0.5495	387.96	-0.7529	381.44	-0.9563	454.99	0.1449	0.3281				
										0.3038	0.5100	0.5281	0.2279
-0.3218	477.67	-0.5525	390.41	-0.7559	381.85	-0.9593	457.84	0.1469	0.3355	0.3069	0.3988	0.5303	0.2380
-0.3253	484.13	-0.5555	391.13	-0.7589	383.68	-0.9623	461.17	0.1488	0.3154	0.3837	0.3313	0.5326	0.2328
-0.3289	481.96	-0.5585	391.19	-0.7619	382.19	-0.9653	468.36	0.1508	0.3129	0.3837	0.3224	0.5348	0.2366
-0.3324	488.54	-0.5615	390.14	-0.7649	380.25	-0.9683	474.80	0.1527	0.3087	0.3859	0.3181		0.2286
												0.5370	
-0.3359	480.75	-0.5645	388.83	-0.7679	377.13	-0.9713	479.38	0.1546	0.3158	0.3881	0.3191	0.5392	0.2302
-0.3394	487.99	-0.5674	389.62	-0.7709	376.67	-0.9743	485.11	0.1566	0.3257	0.3904	0.3004	0.5415	0.2245
-0.3430	477.62	-0.5704	389.55	-0.7739	377.85	-0.9773	489.07	0.1585	0.3148	0.3926	0.2855	0.5437	0.2202
-0.3465	479.63	-0.5734	390.41	-0.7768	379.83	-0.9803	495.23	0.1605	0.3109	0.3948	0.2863	0.5459	0.2223
-0.3500	472.67	-0.5764	390.77	-0.7798	380.04	-0.9833	503.13	0.1624	0.3292	0.3970	0.2771	0.5481	0.2251
-0.3535	465.20	-0.5794	389.80	-0.7828	379.82	-0.9863	516.26	0.1643	0.3440	0.3992	0.2884	0.5503	0.2144
-0.3571	467.73	-0.5824	387.39	-0.7858	378.30	-0.9892	538.17	0.1663	0.3329	0.4015	0.2857	0.5526	0.2147
-0.3606	458.25	-0.5854	387.61	-0.7888	377.78	-0.9922	567.89	0.1682	0.3221	0.4037	0.2896	0.5548	0.2135
-0.3641				-0.7918		0.7722	307.07						
	460.24	-0.5884	391.70		377.47			0.1701	0.3334	0.4059	0.2752	0.5570	0.2133
-0.3676	444.21	-0.5914	391.42	-0.7948	376.49			0.1721	0.3409	0.4081	0.2780	0.5592	0.2122
-0.3711	454.76	-0.5944	389.46	-0.7978	376.55	CASE	M — п	0.1740	0.3319	0.4104	0.2896	0.5615	0.2048
-0.3747	448.70	-0.5974	387.87	-0.8008	376.05			0.1760	0.3370	0.4126	0.3010	0.5637	0.2096
-0.3782	446.66	-0.6003	389.30	-0.8038	376.58	X/SL	_	0.1779	0.3440	0.4148	0.2958		0.2043
							η					0.5659	
-0.3817	448.37	-0.6033	391.02	-0.8068	374.54	0.0481	0.5673	0.1798	0.3405	0.4170	0.2879	0.5681	0.1966
-0.3852	438.38	-0.6063	390.87	-0.8098	375.00	0.0500	0.5114	0.1818	0.3341	0.4192	0.3040	0.5703	0.2000
-0.3888	443.03	-0.6093	392.14	-0.8127	373.63	0.0519	0.4726	0.1837	0.3439	0.4215	0.3142	0.5726	0.2101
-0.3923	430.62	-0.6123	394.36	-0.8157	371.21	0.0539	0.4420	0.1856	0.3474	0.4237	0.3091	0.5748	0.2086
-0.3958	438.28			-0.8187									
		-0.6153	396.20		370.11	0.0558	0.4303	0.1876	0.3439	0.4259	0.3038	0.5770	0.1932
-0.3993	438.10	-0.6183	397.03	-0.8217	371.32	0.0577	0.4153	0.1895	0.3359	0.4281	0.2978	0.5792	0.1866
-0.4029	438.75	-0.6213	396.76	-0.8247	370.67	0.0597	0.4068	0.1915	0.3406	0.4304	0.2858	0.5815	0.1920
-0.4064	438.92	-0.6243	395.99	-0.8277	369.66	0.0616	0.3894	0.1934	0.3455	0.4326	0.2751	0.5837	0.2044
-0.4099	432.48	-0.6273	394.83	-0.8307	369.54			0.1953	0.3396	0.4348			
						0.0636	0.3840				0.2776	0.5859	0.1972
-0.4134	435.46	-0.6303	395.97	-0.8337	371.22	0.0655	0.3743	0.1973	0.3473	0.4370	0.2790	0.5881	0.1944
-0.4170	422.18	-0.6333	394.56	-0.8367	371.14	0.0674	0.3775	0.1992	0.3491	0.4392	0.2834	0.5903	0.1919
-0.4205	429.54	-0.6362	394.35	-0.8397	368.66	0.0694	0.3552	0.2011	0.3442	0.4415	0.2853	0.5926	0.1893
-0.4240	425.91	-0.6392	396.32	-0.8427	369.53	0.0713	0.3605	0.2031	0.3415	0.4437	0.2779	0.5948	0.1838
-0.4275	428.30	-0.6422	396.64	-0.8457	371.60	0.0732	0.3661	0.2050	0.3410	0.4459	0.2625	0.5970	0.1805
-0.4310	429.64	-0.6452	397.69	-0.8486	372.39	0.0752	0.3578	0.2070	0.3444	0.4481	0.2517	0.5992	0.1809
-0.4346	422.58	-0.6482	396.81	-0.8516	372.80	0.0771	0.3490	0.2089	0.3349	0.4503	0.2473	0.6015	0.1697
-0.4381	428.05	-0.6512	394.12	-0.8546	373.60	0.0791	0.3531	0.2108	0.3377	0.4526	0.2438	0.6037	0.1804
-0.4416	418.40	-0.6542	394.67	-0.8576	376.69								
						0.0810	0.3453	0.2128	0.3318	0.4548	0.2498	0.6059	0.1748
-0.4451	424.10	-0.6572	394.74	-0.8606	377.22	0.0829	0.3507	0.2147	0.3234	0.4570	0.2476	0.6081	0.1634
-0.4487	417.74	-0.6602	394.73	-0.8636	376.40	0.0849	0.3422	0.2166	0.3300	0.4592	0.2504	0.6103	0.1624
-0.4522	418.79	-0.6632	395.52	-0.8666	376.67	0.0868	0.3323	0.2186	0.3289	0.4615	0.2529	0.6126	0.1577
-0.4557	417.09	-0.6662	396.52	-0.8696	378.19	0.0888	0.3348	0.2205	0.3292	0.4637	0.2604	0.6148	0.1617
-0.4592	412.46	-0.6692	397.06	-0.8726	377.98								
						0.0907	0.3379	0.2225	0.3207	0.4659	0.2691	0.6170	0.1681
-0.4628	417.82	-0.6721	395.51	-0.8756	378.12	0.0926	0.3345	0.2244	0.3202	0.4681	0.2658	0.6192	0.1647
-0.4663	409.96	-0.6751	393.38	-0.8786	379.99	0.0946	0.3328	0.2263	0.3166	0.4703	0.2590	0.6215	0.1574
-0.4698	418.01	-0.6781	394.13	-0.8816	381.67		0.3299		0.3131	0.4726	0.2493	0.6237	0.1588
-0.4733	413.21	-0.6811	396.21	-0.8845	380.69				0.3114	0.4748	0.2471		
						0.0984	0.3202					0.6259	0.1605
-0.4769	415.72	-0.6841	397.43	-0.8875	383.15		0.3177		0.3089		0.2446	0.6281	0.1635
-0.4804	421.12	-0.6871	398.05	-0.8905	385.23	0.1023	0.3198	0.2334	0.3081	0.4792	0.2567	0.6303	0.1551
-0.4839	410.88	-0.6901	397.35	-0.8935	388.88		0.3109	0.2366	0.3099	0.4815	0.2578	0.6326	0.1514
-0.4874	414.34	-0.6931	397.20	-0.8965	389.02		0.3066		0.3114		0.2574	0.6348	0.1565
-0.4910													
	407.26	-0.6961	398.01	-0.8995	388.08		0.3016		0.3093		0.2618	0.6370	0.1477
-0.4945	412.69	-0.6991	396.45	-0.9025	392.03	0.1101	0.3052	0.2462	0.3111	0.4881	0.2547	0.6392	0.1546
-0.4980	407.58	-0.7021	394.86	-0.9055	394.83		0.3062	0.2494	0.3142	0.4903	0.2525	0.6415	0.1505
-0.5015	411.64	-0.7051	393.80	-0.9085	398.16		0.2973		0.3208		0.2529	0.6437	0.1491
-0.5050													
	411.14	-0.7080	389.66	-0.9115	398.31		0.2967		0.3290	0.4948	0.2458	0.6459	0.1399
-0.5086	407.84		390.18	-0.9145	398.87		0.2931		0.3373		0.2515	0.6481	0.1476
-0.5106	396.31	-0.7140	391.96	-0.9174	402.01	0.1198	0.2896	0.2622	0.3413	0.4992	0.2589	0.6503	0.1548
-0.5136	393.82		391.40	-0.9204	403.87		0.2819		0.3556		0.2586		0.1405
-0.5166	394.04		390.23	-0.9234	407.50		0.2768	0.2686	0.3747		0.2588		0.1397
-0.5196	392.66	-0.7230	389.59	-0.9264	409.63	0.1256	0.2855	0.2718	0.3711	0.5059	0.2596	0.6570	0.1456

				.13				7	<u>-</u>				
0.6592	0.1459	0.8103	0.0668			-0.3852	0.1237	-0.6482	0.1090	-0.8516	0.0863	0.0674	719.84
0.6615	0.1344	0.8126	0.0592	X/PL	η	-0.3887	0.1200	-0.6512	0.1003	-0.8546	0.0849	0.0693	703.09
		0.8148	0.0629	-0.0872	0.3589	-0.3922	0.1142	-0.6541	0.0986	-0.8576	0.0914	0.0713	694.26
0.6637	0.1370	-				-0.3958	0.1093	-0.6571	0.1061	-0.8606	0.0897	0.0732	690.58
0.6659	0.1416	0.8170	0.0690	-0.0958	0.3378		0.1073	-0.6601	0.1047	-0.8636	0.0886	0.0751	682.67
0.6681	0.1287	0.8192	0.0701	-0.1044	0.3327	-0.3993			0.1047	-0.8665	0.0000	0.0771	673.28
0.6703	0.1221	0.8214	0.0669	-0.1129	0.3201	-0.4028	0.1075	-0.6631					663.62
0.6726	0.1198	0.8237	0.0761	-0.1215	0.3172	-0.4063	0.1005	-0.6661	0.1017	-0.8695	0.0892	0.0790	
0.6748	0.1205	0.8259	8660.0	-0.1300	0.3065	-0.4099	0.1051	-0.6691	0.0974	-0.8725	0.0844	0.0810	654.10
0.6770	0.1218	0.8281	0.0666	-0.1386	0.2981	-0.4687	0.1020	-0.6721	0.0935	-0.8755	0.0801	0.0829	648.46
0.6792	0.1171	0.8303	0.0618	-0.1471	0.2950	-0.4717	0.1048	-0.6751	0.0936	-0.8785	0.0826	0.0848	644.88
0.6814	0.1211	0.8326	0.0664	-0.1557	0.2834	-0.4747	0.1098	-0.6781	0.0963	-0.8815	0.0843	0.0868	633.22
0.6837	0.1227	0.8348	0.0666	-0.1642	0.2820	-0.4776	0.1103	-0.6811	0.1041	-0.8845	0.0810	0.0887	628.95
0.6859	0.1262	0.8370	0.0663	-0.1728	0.2672	-0.4806	0.1133	-0.6841	0.1044	-0.8875	0.0813	0.0906	623.09
	0.1202	0.8392	0.0652	-0.1720	0.2660	-0.4836	0.1103	-0.6871	0.1068	-0.8905	0.0828	0.0926	614.89
0.6881						-0.4866	0.1121	-0.6900	0.1084	-0.8935	0.0885	0.0945	609.82
0.6903	0.1131	0.8414	0.0630	-0.1899	0.2723	-0.4896	0.1101	-0.6930	0.1063	-0.8965	0.0853	0.0965	604.78
0.6926	0.1321	0.8437	0.0560	-0.1984	0.2638			-0.6960	0.1051	-0.8995	0.0803	0.0984	596.78
0.6948	0.1194	0.8459	0.0679	-0.2020	0.2782	-0.4926	0.1135			-0.9024	0.0833	0.1003	593.06
0.6970	0.1149	0.8481	0.0727	-0.2055	0.2698	-0.4956	0.1207	-0.6990	0.1021	-0.9024	0.0866	0.1003	588.70
0.6992	0.1204	0.8503	0.0737	-0.2090	0.2773	-0.4986	0.1176	-0.7020	0.1055				582.09
0.7014	0.1098	0.8526	0.0673	-0.2125	0.2691	-0.5016	0.1196	-0.7050	0.1063	-0.9084	0.0875	0.1042	
0.7037	0.1042	0.8548	0.0642	-0.2161	0.2793	-0.5046	0.1251	-0.7080	0.0949	-0.9114	0.0829	0.1061	575.67
0.7059	0.1154	0.8570	0.0631	-0.2196	0.2797	-0.5076	0.1253	-0.7110	0.0932	-0.9144	0.0796	0.1081	575.33
0.7081	0.1030	0.8592	0.0690	-0.2231	0.2660	-0.5106	0.1237	-0.7140	0.0986	-0.9174	0.0791	0.1100	574.66
0.7103	0.1011	0.8614	0.0698	-0.2266	0.2504	-0.5135	0.1206	-0.7170	0.0931	-0.9204	0.0763	0.1120	568.28
0.7126	0.1070	0.8637	0.0629	-0.2302	0.2531	-0.5165	0.1218	-0.7200	0.0964	-0.9234	0.0794	0.1139	558.33
0.7128	0.1019	0.8659	0.0668	-0.2337	0.2451	-0.5195	0.1166	-0.7230	0.0988	-0.9264	0.0808	0.1158	550.52
•	0.1017	0.8681	0.0593	-0.2372	0.2365	-0.5225	0.1182	-0.7259	0.1008	-0.9294	0.0789	0.1178	554.31
0.7170 0.7192			0.0580	-0.2372	0.2250	-0.5255	0.1220	-0.7289	0.0986	-0.9324	0.0776	0.1197	551.27
	0.0966	0.8703				-0.5285	0.1137	-0.7319	0.1001	-0.9353	0.0799	0.1216	549.70
0.7214	0.1014	0.8726	0.0619	-0.2442	0.2211		0.1150	-0.7349	0.0959	-0.9383	0.0741	0.1236	548.39
0.7237	0.1006	0.8748	0.0691	-0.2478	0.2136	-0.5315			0.0969	-0.9413	0.0755	0.1255	552.80
0.7259	0.0903	0.8770	0.0598	-0.2513	0.2063	-0.5345	0.1082	-0.7379			0.0764	0.1275	555.28
0.7281	0.0924	0.8792	0.0636	-0.2548	0.1914	-0.5375	0.1132	-0.7409	0.0991	-0.9443			559.06
0.7303	0.1128	0.8814	0.0674	-0.2583	0.1974	-0.5405	0.1218	-0.7439	0.0996	-0.9473	0.0752	0.1294	
0.7326	0.1028	0.8837	0.0722	-0.2619	0.1905	-0.5435	0.1175	-0.7469	0.0980	-0.9503	0.0771	0.1313	564.89
0.7348	0.0972	0.8859	0.0616	-0.2654	0.1958	-0.5465	0.1151	-0.7499	0.0952	-0.9533	0.0794	0.1333	571.75
0.7370	0.0776	0.8881	0.0596	-0.2689	0.1876	-0.5494	0.1106	-0.7529	0.0982	-0.9563	0.0843	0.1352	586.44
0.7392	0.0973	0.8903	0.0635	-0.2724	0.1906	-0.5524	0.1162	-0.7559	0.0996	-0.9593	0.0787	0.1371	591.53
0.7414	0.0975	0.8926	0.0697	-0.2760	0.2002	-0.5554	0.1207	-0.7588	0.1019	-0.9623	0.0788	0.1391	562.24
0.7437	0.0970	0.8948	0.0686	-0.2795	0.1924	-0.5584	0.1165	-0.7618	0.1003	-0.9653	0.0803	0.1410	545.17
	0.0845	0.8970	0.0616	-0.2830	0.1880	-0.5614	0.1139	-0.7648	0.0972	-0.9683	0.0817	0.1430	537.16
0.7459			0.0070		0.1917	-0.5644	0.1067	-0.7678	0.0900	-0.9712	0.0809	0.1449	533.64
0.7481	0.0806	0.8992		-0.2865		-0.5674	0.1094	-0.7708	0.0938	-0.9742	0.0838	0.1468	544.88
0.7503	0.0812	0.9014	0.0762	-0.2901	0.2131		0.1074	-0.7738	0.0981	-0.9772	0.0823	0.1488	538.64
0.7526	0.0799	0.9037	0.0764	-0.2936	0.2150	-0.5704			0.0996	-0.9802	0.0839	0.1507	530.39
0.7548	0.0788	0.9059	0.0766	-0.2971	0.2011	-0.5734	0.1075	-0.7768	0.1017	-0.9832	0.0865	0.1526	532.42
0.7570	0.0754	0.9081	0.0747	-0.3006	0.2168	-0.5764	0.1118	-0.7798		-0.9862	0.0808	0.1546	529.61
0.7592	0.0868	0.9103	0.0780	-0.3041	0.2136	-0.5794	0.1116	-0.7828	0.1032	-0.9892		0.1565	
0.7614	0.0688	0.9126	0.0765	-0.3077	0.2241	-0.5823	0.1071		0.1018		0.0718	0.1585	532.07
0.7637	0.0798	0.9148	0.0777	-0.3112	0.2117	-0.5853	0.1046	-0.7888	0.1045	-0.9922	0.0745		
0.7659	0.0696	0.9170	0.0774	-0.3147	0.2232	-0.5883	0.1087	-0.7918	0.0999			0.1604	530.12
0.7681	0.0654	0.9192	0.0784	-0.3182	0.2054	-0.5913	0.1088	-0.7947	0.1036			0.1623	533.25
0.7703	0.0689	0.9214	0.0847	-0.3218	0.1993	-0.5943	0.1078	-0.7977	0.1046	CASE N	<u> - NU</u>	0.1643	544.94
0.7726		0.9237	0.0835	-0.3253	0.2074	-0.5973	0.1050	-0.8007	0.1038			0.1662	562.00
0.7748	0.0748	0.9259	0.0854	-0.3288	0.1969	-0.6003	0.1042	-0.8037	0.1029	X/SL	Nu	0.1682	570.02
0.7770		0.9281	0.0843	-0.3323	0.1885	-0.6033	0.1048	-0.8067	0.0968	0.0383	1048.07	0.1701	584.52
0.7792		0.9303	0.0807	-0.3359	0.1852	-0.6063	0.1026	-0.8097	0.0957	0.0403	959.64	0.1720	596.28
0.7814		0.9325	0.0861	-0.3394	0.1794	-0.6093	0.1017	-0.8127	0.0952	0.0422	915.96	0.1740	613.08
		0.9348	0.0906	-0.3429	0.1779	-0.6123	0.1086	-0.8157	0.0915	0.0441	949.23	0.1759	618.35
0.7837			0.0899	-0.3429	0.1779	-0.6153	0.1000	-0.8187	0.0887	0.0461	930.35	0.1778	625.32
0.7859		0.9370			0.1702	-0.6182	0.1077	-0.8217	0.0918	0.0480	849.64	0.1798	635.42
0.7881	0.0829	0.9392	0.0822	-0.3500		-0.6212	0.1055	-0.8247	0.0843	0.0499	811.03	0.1817	648.80
0.7903		0.9414	0.0906	-0.3535	0.1661	-0.6212 -0.6242	0.1050	-0.8277	0.0881	0.0519	803.76	0.1837	649.24
0.7926		0.9437	0.0899	-0.3570	0.1596		0.1030	-0.8306	0.0901	0.0538	788.46	0.1856	654.48
0.7948		0.9459	0.0856	-0.3605	0.1575	-0.6272		-0.8336	0.0901	0.0558	779.43	0.1875	654.85
0.7970		0.9481	0.0830	-0.3640	0.1512	-0.6302					768.66	0.1875	660.51
0.7992		0.9503	0.0825	-0.3676	0.1350	-0.6332		-0.8366	0.0881	0.0577		0.1914	663.19
0.8014		0.9525	0.0823	-0.3711	0.1396	-0.6362		-0.8396	0.0827	0.0596	755.64		
0.8037	0.0565	0.9548	0.0864	-0.3746	0.1385	-0.6392		-0.8426	0.0861	0.0616	745.24	0.1933	670.15
0.8059		0.9570	0.0787	-0.3781	0.1340	-0.6422		-0.8456	0.0843	0.0635		0.1953	679.60
0.8081		0.9592	0.0746	-0.3817	0.1264	-0.6452	0.1144	-0.8486	0.0854	0.0654	730.05	0.1972	681.59

0.1992	679.76	0.4414	718.99	0.5925	868.11	0.7436	725.53	0.8947	731.49	-0.2478	444 10	0.4074	200.00
0.2011		0.4436		0.5947		0.7458				-0.2476		-0.4874 -0.4910	398.28 397.21
0.2030		0.4459		0.5970		0.7481				-0.2549		-0.4910	396.07
0.2050	680.48	0.4481	721.26	0.5992		0.7503				-0.2584	452.48	-0.4980	
0.2069		0.4503		0.6014	845.76	0.7525	716.34			-0.2619		-0.5015	393.70
0.2088		0.4525		0.6036		0.7547		0.9058	749.34	-0.2654	443.30	-0.5050	
0.2108		0.4547	727.50	0.6058		0.7570			760.45	-0.2690	433.06	-0.5086	391.22
0.2127	672.31	0.4570		0.6081	842.54	0.7592		0.9103		-0.2725	441.03	-0.5121	389.97
0.2147	671.98	0.4592		0.6103		0.7614				-0.2760		-0.5156	389.04
0.2166 0.2185		0.4614		0.6125		0.7636		0.9147	780.68	-0.2795	445.54	-0.5191	387.96
0.2105	663.38	0.4636 0.4659	725.36 726.43	0.6147 0.6170		0.7658	714.57 704.05	0.9169		-0.2831	443.16	-0.5227	387.38
0.2224	663.16	0.4681	720.43	0.6170		0.7681 0.7703	730.84	0.9192 0.9214	792.51	-0.2866	441.54	-0.5262	386.86
0.2243	659.86	0.4703	731.80	0.6214		0.7725	720.79	0.9214	791.57 801.33	-0.2901 -0.2936	440.78	-0.5297	385.38 384.73
0.2263	648.83	0.4725	742.80	0.6236		0.7747	706.28	0.9258	814.66	-0.2971	438.68 444.00	-0.5332 -0.5368	384.49
0.2282	645.67	0.4747	740.00	0.6258	826.98	0.7770	708.90	0.9281	816.98	-0.3007	437.48	-0.5403	383.26
0.2302	643.83	0.4770	740.91	0.6281	827.15	0.7792	708.67	0.9303	828.97	-0.3042	436.00	-0.5615	382.20
0.2302	641.30	0.4792	746.67	0.6303	826.20	0.7814	717.12	0.9325	837.86	-0.3077	435.33	-0.5645	385.71
0.2334	640.85	0.4814	747.98	0.6325	825.33	0.7836	701.03	0.9347	846.65	-0.3112	434.95	-0.5674	386.58
0.2366	638.44	0.4836	747.66	0.6347	818.29	0.7858	697.46	0.9369	859.32	-0.3148	433.77	-0.5704	388.05
0.2398	637.31	0.4859	746.36	0.6370	824.07	0.7881	705.80	0.9392	869.29	-0.3183	431.12	-0.5734	386.04
0.2430	639.57 636.25	0.4881 0.4903	752.49 754.94	0.6392 0.6414	824.57	0.7903	729.65	0.9414	897.78	-0.3218	429.58	-0.5764	382.10
0.2493	636.81	0.4905	756.73	0.6436	812.70 811.01	0.7925	736.51 716.76	0.9436	908.22	-0.3253	428.85	-0.5794	383.40
0.2525	636.97	0.4947	759.31	0.6458	806.89	0.7947	699.17	0.9458 0.9481	905.42 912.47	-0.3289 -0.3324	428.01 427.10	-0.5824 -0.5854	383.72
0.2557	635.43	0.4970	765.04	0.6481	806.51	0.7992	713.17	0.9503	926.51	-0.3359	426.12	-0.5854 -0.5884	385.03 387.07
0.2589	634.26	0.4992	765.45	0.6503	811.40	0.8014	699.64	0.9525	948.02	-0.3394	425.28	-0.5914	388.92
0.2621	635.96	0.5014	765.27	0.6525	821.34	0.8036	689.88	0.9547	969.40	-0.3430	425.33	-0.5944	388.44
0.2653	635.41	0.5036	772.86	0.6547	812.69	0.8058	696.27	0.9569	974.38	-0.3465	425.09	-0.5974	386.65
0.2685	633.52	0.5059	773.75	0.6570	794.87	0.8081	699.06	0.9592	990.84	-0.3500	425.06	-0.6003	388.66
0.2717	628.18	0.5081	782.05	0.6592	801.46	0.8103	691.49			-0.3535	424.98	-0.6033	389.51
0.2749 0.2781	607.43 591.21	0.5103	783.94	0.6614	810.44	0.8125	701.30	X/PL	Nu	-0.3571	425.19	-0.6063	390.98
0.2781	583.22	0.5125 0.5147	781.16 786.48	0.6636	799.82	0.8147	689.41	-0.0103	1049.04	-0.3606	425.19	-0.6093	392.20
0.2845	585.09	0.5170	797.56	0.6658 0.6681	794.79 809.88	0.8169 0.8192	680.10 680.36	-0.0189		-0.3641	424.91	-0.6123	391.53
0.2877	587.63	0.5192	800.30	0.6703	794.31	0.8214	708.37	-0.0274 -0.0360	959.08 888.63	-0.3676 -0.3711	424.27 424.77	-0.6153 -0.6183	391.27 393.32
0.2909	575.67	0.5214	804.24	0.6725	791.03	0.8236	688.06	-0.0330	834.99	-0.3747	424.77	-0.6213	394.56
0.2941	575.07	0.5236	810.26	0.6747	787.16	0.8258	688.14	-0.0531	759.37	-0.3782	423.42	-0.6243	395.28
0.2973	586.79	0.5259	812.53	0.6770	773.07	0.8281	690.52	-0.0616	694.98	-0.3817	422.46	-0.6273	396.03
0.3005	590.24	0.5281	814.63	0.6792	779.62	0.8303	699.63	-0.0702	653.05	-0.3852	421.88	-0.6303	393.46
0.3037	605.24	0.5303	815.89	0.6814	780.89	0.8325	704.13	-0.0787	616.15	-0.3888	420.52	-0.6333	393.15
0.3069	621.25	0.5325	816.53	0.6836	777.39	0.8347	682.08	-0.0873	562.43	-0.3923	420.53	-0.6362	393.75
0.3836 0.3859	669.75 669.80	0.5347	828.12	0.6858	777.35	0.8369	684.92	-0.0958	532.18	-0.3958	419.76	-0.6392	395.40
0.3881	669.00	0.5370 0.5392	829.43 833.51	0.6881 0.6903	778.81 766.47	0.8392 0.8414	703.23	-0.1044	500.72	-0.3993	419.02	-0.6422	395.80
0.3903	673.10	0.5414	833.45	0.6925	783.25	0.8436	691.67 686.66	-0.1130	478.11	-0.4029	418.25	-0.6452	396.38 398.57
0.3925	680.32	0.5436		0.6947			675.89	-0.1215 -0.1301	463.15 448.24	-0.4064 -0.4099	417.42 417.11	-0.6482 -0.6512	398.81
	684.04		857.52		772.91	0.8481	686.29	-0.1386	434.30	-0.4134	417.24	-0.6542	403.17
0.3970	686.28	0.5481	849.47	0.6992	767.80	0.8503	701.50	-0.1472	425.83	-0.4170	416.82	-0.6572	405.63
0.3992	684.24	0.5503	857.69	0.7014	754.93	0.8525	685.50	-0.1557	428.60	-0.4205	415.95	-0.6602	403.96
0.4014	689.28	0.5525	856.64	0.7036	757.93	0.8547	679.35	-0.1643	425.76	-0.4240	415.60	-0.6632	403.05
0.4036	696.18	0.5547	867.54	0.7058	775.13	0.8569	686.01	-0.1728	430.10	-0.4275	415.23	-0.6662	402.89
0.4059	697.75	0.5570	868.38	0.7081	757.49	0.8592	696.51	-0.1814	416.02	-0.4310	415.17	-0.6692	402.95
0.4081 0.4103	699.51 700.07	0.5592 0.5614	870.87	0.7103	761.18	0.8614	688.03	-0.1899	384.95	-0.4346	415.16	-0.6721	403.71
0.4125	706.73	0.5636	874.31 881.78	0.7125 0.71 4 7	755.93 755.66	0.8636 0.8658	700.77	-0.1985	343.38	-0.4381	413.96	-0.6751	403.89
0.4147	710.78	0.5658	889.39	0.7170	740.13	0.8681	706.06 693.41	-0.2020	348.98	-0.4416	413.46	-0.6781	403.18
0.4170	708.43	0.5681	874.38	0.7192	758.21	0.8703	690.42	-0.2055 -0.2091	350.25 363.90	-0.4451 -0.4487	413.53 413.48	-0.6811 -0.6841	404.11 405.57
0.4192	707.91	0.5703	878.00	0.7214	747.89	0.8725	691.13	-0.2126	362.90	-0.4522	412.93	-0.6871	405.37
0.4214	707.25	0.5725	879.15	0.7236	751.29	0.8747	701.69	-0.2161	358.03	-0.4557	412.55	-0.6901	404.23
0.4236	712.95	0.5747	876.71	0.7258	748.71	0.8769	714.26	-0.2196	377.40	-0.4592	410.94		405.48
0.4259	718.86	0.5770	874.18	0.7281	733.63	0.8792	696.56	-0.2232	404.62	-0.4628	408.82		406.27
0.4281	714.88	0.5792	865.80	0.7303	762.12	0.8814	698.28	-0.2267	394.68	-0.4663	407.60	-0.6991	410.70
0.4303	711.60	0.5814	867.82	0.7325	725.67	0.8836	701.73	-0.2302	391.86	-0.4698	406.16		405.31
0.4325	718.28	0.5836	872.01	0.7347	736.16	0.8858	722.35	-0.2337	407.52	-0.4733	404.96		403.33
0.4347 0.4370	719.41 718.61	0.5858 0.5881	873.74 860.13	0.7370 0.7392	732.86	0.8881	727.57	-0.2372	423.21	-0.4769	403.67		402.25
	718.54		857.56	0.7392	764.14 731.54	0.8903 0.8925	717.72 724.75	-0.2408	428.15	-0.4804	401.49		401.54
0.7072	, 10.04	0.0700	007.00	0.7414	/ 51.04	0.0720	124./0	-0.2443	437.06	-0.4839	400.32	-0.7140	401.79

				77.5					4				0.000
-0.7170	400.62	-0.9204	439.65	0.1120	0.1727	0.2494	0.2422	0.4903	0.1164	0.6415	0.0818	0.7926	0.0909
-0.7200	399.07	-0.9234	443.22	0.1139	0.1749	0.2526	0.2456	0.4926	0.1115	0.6437	0.0755	0.7948	0.0818
				0.1159	0.1639	0.2558	0.2409		0.1149	0.6459	0.0767	0.7970	0.0769
-0.7230	398.55	-0.9264	449.93	• • .					-		0.0806	0.7992	0.0771
-0.7260	396.04	-0.9294	455.10	0.1178	0.1711	0.2590	0.2404		0.1092	0.6481			
-0.7290	396.06	-0.9324	457.17	0.1198	0.1676	0.2622	0.2461		0.1084	0.6503	0.0776		0.0635
-0.7320	397.17	-0.9354	460.58	0.1217	0.1676	0.2654	0.2500	0.5015	0.1077	0.6526	0.0803	0.8037	0.0513
		-0.9384	467.62	0.1236	0.1707	0.2686	0.2509		0.1096	0.6548	0.0812	0.8059	0.0693
-0.7350	398.94								0.1122	0.6570	0.0743		0.0689
-0.7380	396.04	-0.9414	472.57	0.1256	0.1798	0.2718	0.2470						0.0708
-0.7409	394.91	-0.9444	476.77	0.1275	0.1814	0.2750	0.2327		0.1147	0.6592	0.0801		
-0.7439	394.50	-0.9474	480.84	0.1294	0.1881	0.2782	0.2465	0.5103	0.1056	0.6615	0.0821		0.0706
	392.84	-0.9504	484.77	0.1314	0.1971	0.2814	0.2961	0.5126	0.1059	0.6637	0.0718	0.8148	0.0640
-0.7469									0.1063	0.6659	0.0778		0.0609
-0.7499	394.01	-0.9533	491.12	0.1333	0.2055	0.2846	0.3336						0.0605
-0.7529	392.42	-0.9563	497.82	0.1353	0.2155	0.2878	0.3487		0.1155	0.6681	0.0955	0.8192	
-0.7559	391.56	-0.9593	504.10	0.1372	0.2319	0.2910	0.3397	0.5192	0.1111	0.6703	0.0777	0.8214	0.0827
	390.38	-0.9623	508.07	0.1391	0.2498	0.2942	0.3518	0.5215	0.1151	0.6726	0.0777	0.8237	0.0683
-0.7589				0.1411	0.2843	0.2974	0.3636	0.5237	0.1116	0.6748	0.0797	0.8259	0.0597
-0.7619	391.18	-0.9653	512.54			_			0.1022	0.6770	0.0644	0.8281	0.0608
-0.7649	391.68	-0.9683	517.30	0.1430	0.3099	0.3006	0.3813						
-0.7679	391.44	-0.9713	521.67	0.1449	0.3005	0.3038	0.3758	0.5281	0.1076	0.6792	0.0687	0.8303	0.0745
-0.7709	391.51	-0.9743	525.12	0.1469	0.3258	0.3069	0.3110	0.5303	0.1116	0.6814	0.0724	0.8326	0.0826
			533.14	0.1488	0.3269	0.3837	0.1600	0.5326	0.1101	0.6837	0.0726	0.8348	0.0581
-0.7739	391.55	-0.9773							0.1110	0.6859	0.0714	0.8370	0.0591
-0.7768	390.07	-0.9803	541.50	0.1508	0.3200	0.3837	0.1549					0.8392	
-0.7798	389.88	-0.9833	548.78	0.1527	0.3395	0.3859	0.1494		0.1108	0.6881	0.0775		0.0660
-0.7828	389.20	-0.9863	556.46	0.1546	0.3441	0.3881	0.1388	0.5392	0.1010	0.6903	0.0675	0.8414	0.0595
			561.65	0.1566	0.3474	0.3904	0.1289	0.5415	0.0929	0.6926	0.0865	0.8437	0.0653
-0.7858	389.51	-0.9892					0.1275	0.5437	0.0967	0.6948	0.0835	0.8459	0.0671
-0.7888	388.75	-0.9922	570.31	0.1585	0.3582	0.3926						0.8481	0.0661
-0.7918	389.30			0.1605	0.3632	0.3948	0.1280	0.5459	0.1069	0.6970	0.0713		
-0.7948	389.44			0.1624	0.3708	0.3970	0.1316	0.5481	0.0936	0.6992	0.0736	0.8503	0.0707
-0.7978	389.17	CASE	N n	0.1643	0.3848	0.3992	0.1324	0.5503	0.1009	0.7014	0.0726	0.8526	0.0606
		<u>UMUL</u>	14 - 11	0.1663	0.4005	0.4015	0.1307	0.5526	0.1003	0.7037	0.0729	0.8548	0.0672
-0.8008	389.02								0.1059	0.7059	0.0889	0.8570	0.0703
-0.8038	388.38	X/SL	η	0.1682	0.4144	0.4037	0.1391	0.5548				0.8592	0.0656
-0.8068	388.45	0.0384	0.5258	0.1701	0.4150	0.4059	0.1391	0.5570	0.1007	0.7081	0.0666		
-0.8098	388.92	0.0403	0.4591	0.1721	0.4017	0.4081	0.1317	0.5592	0.1014	0.7103	0.0772	0.8614	0.0621
	389.30	0.0422	0.4165	0.1740	0.3985	0.4104	0.1298	0.5615	0.0970	0.7126	0.0793	0.8637	0.0791
-0.8127					0.3844	0.4126	0.1238	0.5637	0.1009	0.7148	0.0775	0.8659	0.0805
-0.8157	389.29	0.0442	0.4004	0.1760						0.7170	0.0627	0.8681	0.0639
-0.8187	389.67	0.0461	0.3778	0.1779	0.3751	0.4148	0.1179	0.5659	0.1066				
-0.8217	389.71	0.0481	0.3043	0.1798	0.3678	0.4170	0.1181	0.5681	0.0931	0.7192	0.0861	0.8703	0.0688
-0.8247	389.78	0.0500	0.2456	0.1818	0.3630	0.4192	0.1240	0.5703	0.1028	0.7214	0.0702	0.8726	0.0685
				0.1837	0.3486	0.4215	0.1145	0.5726	0.0995	0.7237	0.0702	0.8748	0.0790
-0.8277	389.30	0.0519	0.2447					0.5748	0.0894	0.7259	0.0669	0.8770	0.0835
-0.8307	389.86	0.0539	0.2180	0.1856	0.3409	0.4237	0.1214					0.8792	0.0717
-0.8337	389.79	0.0558	0.2037	0.1876	0.3283	0.4259	0.1273	0.5770	0.0923	0.7281	0.0614		
-0.8367	390.30	0.0577	0.1871	0.1895	0.3207	0.4281	0.1220	0.5792	0.0857	0.7303	0.0870	0.8814	0.0733
-0.8397	391.46	0.0597	0.1851	0.1915	0.3168	0.4304	0.1153	0.5815	0.0934	0.7326	0.0529	0.8837	0.0679
				0.1934	0.3062	0.4326	0.1160	0.5837	0.0929	0.7348	0.0677	0.8859	0.0737
-0.8427	392.79	0.0616	0.1951			0.4020							
-0.8457	394.51	0.0636	0.1934			0.4040							
-0.8486	395.42			0.1953	0.3034	0.4348	0.1144	0.5859	0.0964	0.7370	0.0744	0.8881	0.0792
-0.8516	070.42	0.0655	0.1906	0.1973	0.3031	0.4370	0.1144 0.1124	0.5859 0.5881	0.0964 0.0854	0.7370 0.7392	0.0744 0.0992	0.8881 0.8903	0.0792 0.0659
-0.8546			0.1906				0.1144	0.5859 0.5881 0.5903	0.0964 0.0854 0.0856	0.7370 0.7392 0.7414	0.0744 0.0992 0.0657	0.8881 0.8903 0.8926	0.0792 0.0659 0.0701
-0.00-0	395.78	0.0674	0.1906 0.1880	0.1973 0.1992	0.3031 0.3019	0.4370 0.4392	0.1144 0.1124	0.5859 0.5881	0.0964 0.0854	0.7370 0.7392	0.0744 0.0992	0.8881 0.8903	0.0792 0.0659
0.0574	395.78 395.81	0.0674 0.0694	0.1906 0.1880 0.1779	0.1973 0.1992 0.2011	0.3031 0.3019 0.2930	0.4370 0.4392 0.4415	0.1144 0.1124 0.1194 0.1124	0.5859 0.5881 0.5903 0.5926	0.0964 0.0854 0.0856 0.0967	0.7370 0.7392 0.7414 0.7437	0.0744 0.0992 0.0657	0.8881 0.8903 0.8926	0.0792 0.0659 0.0701
-0.8576	395.78 395.81 395.97	0.0674 0.0694 0.0713	0.1906 0.1880 0.1779 0.1771	0.1973 0.1992 0.2011 0.2031	0.3031 0.3019 0.2930 0.2935	0.4370 0.4392 0.4415 0.4437	0.1144 0.1124 0.1194 0.1124 0.1139	0.5859 0.5881 0.5903 0.5926 0.5948	0.0964 0.0854 0.0856 0.0967 0.0895	0.7370 0.7392 0.7414 0.7437 0.7459	0.0744 0.0992 0.0657 0.0674 0.0793	0.8881 0.8903 0.8926 0.8948 0.8970	0.0792 0.0659 0.0701 0.0608 0.0466
-0.8606	395.78 395.81 395.97 396.75	0.0674 0.0694 0.0713 0.0732	0.1906 0.1880 0.1779 0.1771 0.1751	0.1973 0.1992 0.2011 0.2031 0.2050	0.3031 0.3019 0.2930 0.2935 0.2922	0.4370 0.4392 0.4415 0.4437 0.4459	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543
	395.78 395.81 395.97	0.0674 0.0694 0.0713	0.1906 0.1880 0.1779 0.1771	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485
-0.8606 -0.8636	395.78 395.81 395.97 396.75 397.29	0.0674 0.0694 0.0713 0.0732 0.0752	0.1906 0.1880 0.1779 0.1771 0.1751	0.1973 0.1992 0.2011 0.2031 0.2050	0.3031 0.3019 0.2930 0.2935 0.2922	0.4370 0.4392 0.4415 0.4437 0.4459	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0803	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589
-0.8606 -0.8636 -0.8666	395.78 395.81 395.97 396.75 397.29 398.19	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771	0.1906 0.1880 0.1779 0.1771 0.1751 0.1798 0.1762	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515
-0.8606 -0.8636 -0.8666 -0.8696	395.78 395.81 395.97 396.75 397.29 398.19 400.49	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791	0.1906 0.1880 0.1779 0.1771 0.1751 0.1798 0.1762 0.1746	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0803 0.0760	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810	0.1906 0.1880 0.1779 0.1771 0.1751 0.1798 0.1762 0.1746 0.1723	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0803 0.0760 0.0850	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515 0.0623
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726 -0.8756	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810 0.0829	0.1906 0.1880 0.1779 0.1771 0.1751 0.1798 0.1762 0.1746 0.1723 0.1712	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6081	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0803 0.0760 0.0850	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515 0.0623 0.0548
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810	0.1906 0.1880 0.1779 0.1771 0.1751 0.1798 0.1762 0.1746 0.1723	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773 0.2660	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4592	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174 0.1172 0.1214	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6081 0.6103	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0850 0.0775	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592 0.7614	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515 0.0623 0.0548 0.0557
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726 -0.8756 -0.8786	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810 0.0829 0.0849	0.1906 0.1880 0.1779 0.1771 0.1751 0.1798 0.1762 0.1746 0.1723 0.1712 0.1783	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4592 0.4615	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1174 0.1174 0.1172 0.1214 0.1138	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6081 0.6103	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0850 0.0775 0.0786	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592 0.7614 0.7637	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626 0.0722	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515 0.0623 0.0557 0.0602
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726 -0.8756 -0.8786 -0.8816	395.78 395.81 395.97 396.75 397.29 398.19 400.70 402.48 406.96 410.13	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810 0.0829 0.0849	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2186	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773 0.2660	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4592 0.4615	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174 0.1172 0.1214	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6081 0.6103	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0850 0.0775	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592 0.7614 0.7637 0.7659	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626 0.0722 0.0586	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148 0.9170	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515 0.0623 0.0548 0.0557 0.0602 0.0559
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726 -0.8756 -0.8816 -0.8845	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96 410.13 409.70	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810 0.0829 0.0849 0.0868 0.0888	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658 0.1719	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2186 0.2205	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773 0.2660 0.2677	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4592 0.4615 0.4637	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174 0.1174 0.1172 0.1214 0.1138 0.1054	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6081 0.6103 0.6126 0.6148	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0850 0.0775 0.0786	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592 0.7614 0.7637	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626 0.0722 0.0586 0.0567	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515 0.0623 0.0548 0.0557 0.0602 0.0559
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726 -0.8756 -0.8816 -0.8845 -0.8875	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96 410.13 409.70 413.06	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829 0.0849 0.0868 0.0888	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658 0.1719 0.1763	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2186 0.2205 0.2225	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773 0.2660 0.2677 0.2645 0.2636	0.4370 0.4392 0.4415 0.4437 0.4459 0.44503 0.4526 0.4548 0.4570 0.4592 0.4615 0.4637 0.4659	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174 0.1174 0.1214 0.1138 0.1054 0.1051	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6081 0.6103 0.6126 0.6148 0.6170	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0850 0.0775 0.0786 0.0816 0.0754	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592 0.7614 0.7637 0.7659 0.7681	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626 0.0722 0.0586 0.0567	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148 0.9170 0.9192	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515 0.0623 0.0548 0.0557 0.0602 0.0559
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726 -0.8786 -0.8816 -0.8845 -0.8875 -0.8905	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96 410.13 409.70 413.06 415.43	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829 0.0849 0.0868 0.0888 0.0907	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658 0.1719 0.1763 0.1834	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2186 0.2205 0.2225	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773 0.2660 0.2677 0.2645 0.2636	0.4370 0.4392 0.4415 0.4437 0.4459 0.44503 0.4526 0.4548 0.4570 0.4592 0.4615 0.4659 0.4681	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174 0.1174 0.1172 0.1214 0.1138 0.1054 0.1051 0.1086	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6103 0.6126 0.6148 0.6170 0.6192	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0755 0.0775 0.0786 0.0816 0.0754 0.0779	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592 0.7614 0.7637 0.7659 0.7681 0.7703	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626 0.0722 0.0586 0.0567 0.0835	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148 0.9170 0.9192	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0589 0.0515 0.0623 0.0548 0.0557 0.0602 0.0559 0.0657
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726 -0.8756 -0.8816 -0.8845 -0.8875	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96 410.13 409.70 413.06	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829 0.0849 0.0868 0.0888	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658 0.1719 0.1763	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2186 0.2205 0.2225 0.2244 0.2263	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773 0.2660 0.2677 0.2645 0.2636 0.2650 0.2505	0.4370 0.4392 0.4415 0.4437 0.4459 0.44503 0.4526 0.4548 0.4570 0.4592 0.4615 0.4637 0.4659 0.4681 0.4703	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174 0.1174 0.1173 0.1054 0.1051 0.1086 0.0996	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6081 0.6126 0.6148 0.6170 0.6192 0.6215	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0850 0.0775 0.0786 0.0816 0.0754 0.0779	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592 0.7614 0.7637 0.7659 0.7681 0.7703 0.7726	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626 0.0722 0.0586 0.0567 0.0835 0.0762	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0589 0.0515 0.0623 0.0557 0.0602 0.0559 0.0657 0.0653 0.0563
-0.8606 -0.8636 -0.8666 -0.8696 -0.8726 -0.8756 -0.8816 -0.8845 -0.8875 -0.8905 -0.8935	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96 410.13 409.70 413.06 415.43 418.96	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829 0.0849 0.0868 0.0888 0.0907 0.0926	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658 0.1719 0.1763 0.1834 0.1765	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2186 0.2205 0.2225	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773 0.2660 0.2677 0.2645 0.2636	0.4370 0.4392 0.4415 0.4437 0.4459 0.44503 0.4526 0.4548 0.4570 0.4592 0.4615 0.4659 0.4681	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174 0.1172 0.1214 0.1138 0.1054 0.1051 0.1086 0.0996 0.1101	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6103 0.6126 0.6148 0.6170 0.6192 0.6215 0.6237	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0775 0.0775 0.0786 0.0816 0.0754 0.0779 0.0843 0.0821	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7692 0.7614 0.7637 0.7659 0.7681 0.7703 0.7726 0.7748	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.05626 0.0722 0.0586 0.0567 0.0835 0.0762 0.0662	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0589 0.0515 0.0623 0.0548 0.0557 0.0602 0.0559 0.0657 0.0663 0.0620 0.0684
-0.8606 -0.8636 -0.8666 -0.8726 -0.8756 -0.8786 -0.8816 -0.8845 -0.8975 -0.8935 -0.8935 -0.8965	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96 410.13 409.70 413.06 415.43 418.96 421.08	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0819 0.0849 0.0868 0.0907 0.0926 0.0946	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658 0.1719 0.1763 0.1834 0.1765 0.1757	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2205 0.2225 0.2224 0.2263 0.2283	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2660 0.2677 0.2645 0.2636 0.2650 0.2505 0.2513	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4592 0.4615 0.4637 0.4659 0.4681 0.4703 0.4726	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1145 0.1174 0.1172 0.1214 0.1138 0.1054 0.1051 0.1086 0.0996 0.1101	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6103 0.6126 0.6148 0.6170 0.6192 0.6215 0.6237	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0850 0.0775 0.0786 0.0816 0.0754 0.0779	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592 0.7614 0.7637 0.7659 0.7681 0.7703 0.7726	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626 0.0722 0.0586 0.0567 0.0835 0.0762	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9181 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259 0.9281	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515 0.0623 0.0548 0.0557 0.0602 0.0559 0.0657 0.0653 0.0620 0.0684 0.0588
-0.8606 -0.8636 -0.8666 -0.8726 -0.8756 -0.8786 -0.8816 -0.8845 -0.8875 -0.8905 -0.8935 -0.8955 -0.8995	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96 410.13 409.70 413.06 415.43 418.96 421.08 422.27	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0819 0.0849 0.0868 0.0907 0.0926 0.0946 0.0965 0.0984	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658 0.1719 0.1763 0.1834 0.1765 0.1757 0.1716	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2205 0.2225 0.2224 0.2263 0.2283 0.2302	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2660 0.2677 0.2645 0.2636 0.2650 0.2505 0.2513 0.2510	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4637 0.4637 0.4639 0.4681 0.4703 0.4726 0.4748	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1218 0.1174 0.1172 0.1214 0.1054 0.1051 0.1086 0.0996 0.1101 0.1139	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6103 0.6126 0.6148 0.6170 0.6192 0.6215 0.6237 0.6259	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0775 0.0778 0.0816 0.0779 0.0843 0.0821 0.0794	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7659 0.7641 0.7637 0.7659 0.7681 0.7703 0.7726 0.7748 0.7770	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.05626 0.0722 0.0586 0.0567 0.0835 0.0762 0.0662	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0589 0.0515 0.0623 0.0557 0.0602 0.0559 0.0657 0.0663 0.0563
-0.8606 -0.8636 -0.8666 -0.8726 -0.8756 -0.8786 -0.8815 -0.8845 -0.8875 -0.8905 -0.8935 -0.8955 -0.8995 -0.9025	395.78 395.81 395.97 396.75 397.29 398.19 400.70 402.48 406.96 410.13 409.70 413.06 415.43 418.96 421.08 422.27 425.46	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810 0.0829 0.0849 0.0868 0.0907 0.0926 0.0946 0.0965 0.0984	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658 0.1719 0.1763 0.1834 0.1765 0.1757 0.1716	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2265 0.2225 0.2224 0.2263 0.2283 0.2302 0.2302	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2768 0.2773 0.2660 0.2677 0.2645 0.2636 0.2505 0.2513 0.2510 0.2464	0.4370 0.4392 0.4415 0.4437 0.4459 0.44503 0.4526 0.4548 0.4570 0.4659 0.4637 0.4659 0.4681 0.4703 0.4726 0.4748	0.1144 0.1124 0.1124 0.1139 0.1139 0.1132 0.1140 0.1218 0.1174 0.1172 0.1214 0.1051 0.1051 0.1055 0.1051 0.1086 0.0996 0.1101 0.1139 0.1133	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6126 0.6148 0.6170 0.6192 0.6215 0.6237 0.6259 0.6281	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0775 0.0786 0.0754 0.0754 0.0779 0.0843 0.0794 0.0776	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7659 0.7614 0.7637 0.7659 0.7681 0.7726 0.7748 0.7770 0.7792	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0567 0.0567 0.0567 0.0567 0.0567 0.0762 0.0762 0.0662 0.0690 0.0765	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9181 0.9130 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259 0.9281 0.9303	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0589 0.0515 0.0623 0.0548 0.0557 0.0602 0.0559 0.0657 0.0653 0.0620 0.0684 0.0588 0.0588
-0.8606 -0.8636 -0.8666 -0.8726 -0.8756 -0.8786 -0.8815 -0.8845 -0.8905 -0.8905 -0.8955 -0.9055	395.78 395.81 395.97 396.75 397.29 398.19 400.70 402.48 406.96 410.13 409.70 413.06 415.43 418.96 421.08 422.27 425.46 429.15	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810 0.0829 0.0848 0.0868 0.0907 0.0926 0.0946 0.0965 0.0984 0.1004 0.10023	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1762 0.1712 0.1713 0.1658 0.1719 0.1763 0.1834 0.1765 0.1757 0.1757	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2186 0.2205 0.2225 0.2224 0.2263 0.2283 0.2302 0.2302	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2753 0.2768 0.2773 0.2660 0.2677 0.2645 0.2650 0.25505 0.2513 0.2510 0.2464 0.2473	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4637 0.4637 0.4681 0.4703 0.4726 0.4748 0.4770 0.4792	0.1144 0.1124 0.1124 0.1139 0.1132 0.1140 0.11218 0.1145 0.1174 0.1172 0.1214 0.1051 0.1054 0.1055 0.1086 0.0996 0.1139 0.1133	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.6059 0.6037 0.6103 0.6126 0.6148 0.6170 0.6192 0.6215 0.6237 0.6259 0.6281 0.6303	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0893 0.0760 0.0850 0.0775 0.0786 0.0754 0.0779 0.0843 0.0794 0.0776 0.0776	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7592 0.7614 0.7637 0.7659 0.7681 0.7703 0.7726 0.7748 0.77726 0.7748 0.7772 0.7792 0.7814	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0567 0.0586 0.0567 0.0835 0.0762 0.0662 0.0662 0.0669 0.0765 0.0765	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9103 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259 0.9281 0.9303 0.9325	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0589 0.0515 0.0623 0.0548 0.0557 0.0602 0.0559 0.0657 0.06620 0.0684 0.0588 0.0588
-0.8606 -0.8636 -0.8666 -0.8726 -0.8756 -0.8786 -0.8815 -0.8845 -0.8875 -0.8905 -0.8935 -0.8955 -0.8995 -0.9025	395.78 395.81 395.97 396.75 397.29 398.19 400.70 402.48 406.96 410.13 409.70 413.06 415.43 418.96 421.08 422.27 425.46	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810 0.0829 0.0849 0.0868 0.0907 0.0926 0.0946 0.0965 0.0984	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1723 0.1712 0.1783 0.1658 0.1719 0.1763 0.1834 0.1765 0.1757 0.1716	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2205 0.2225 0.2224 0.2263 0.2283 0.2302 0.2302 0.2334 0.2366	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2660 0.2677 0.2645 0.2650 0.2505 0.2513 0.2510 0.2464 0.2473	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4592 0.4615 0.4637 0.4681 0.4703 0.4726 0.4748 0.4770 0.4792 0.4815	0.1144 0.1124 0.1124 0.1139 0.1132 0.1140 0.1138 0.1145 0.1174 0.1172 0.1214 0.1051 0.1056 0.0996 0.1101 0.1139 0.1133 0.1133	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.6059 0.6037 0.6059 0.6126 0.6148 0.6170 0.6192 0.6215 0.6237 0.6281 0.6303 0.6326	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0850 0.0750 0.0775 0.0786 0.0779 0.0843 0.0779 0.0843 0.0779 0.0843 0.0776 0.0776 0.0750 0.0776	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7659 0.7681 0.7703 0.7726 0.7748 0.7774 0.7792 0.7814 0.7837	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0567 0.0586 0.0567 0.0835 0.0762 0.0662 0.0762 0.0662 0.0765 0.0765 0.0797	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9103 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259 0.9281 0.9303 0.9325 0.9348	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0589 0.0515 0.0623 0.0557 0.0602 0.0559 0.0657 0.0662 0.06620 0.0684 0.0588 0.0607 0.0670 0.0670
-0.8606 -0.8636 -0.8666 -0.8726 -0.8756 -0.8786 -0.8816 -0.8845 -0.8905 -0.8905 -0.8955 -0.9055 -0.9055 -0.9085	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.49 400.96 410.13 409.70 413.06 415.43 418.96 421.27 425.46 429.15 431.20	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829 0.0849 0.0868 0.0907 0.0926 0.0946 0.0965 0.0984 0.1004 0.1023 0.1043	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1712 0.1713 0.1658 0.1719 0.1763 0.1765 0.1765 0.1757 0.1716 0.1695	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2205 0.2225 0.2224 0.2263 0.2283 0.2302 0.2302 0.2334 0.2366	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2753 0.2768 0.2773 0.2660 0.2677 0.2645 0.2650 0.25505 0.2513 0.2510 0.2464 0.2473	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4637 0.4637 0.4681 0.4703 0.4726 0.4748 0.4770 0.4792	0.1144 0.1124 0.1124 0.1139 0.1132 0.1140 0.11218 0.1145 0.1174 0.1172 0.1214 0.1051 0.1054 0.1055 0.1086 0.0996 0.1139 0.1133	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.6037 0.6059 0.6081 0.6103 0.6126 0.6148 0.6170 0.6192 0.6215 0.6237 0.6259 0.6281 0.6303 0.6326 0.6348	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0850 0.0750 0.0775 0.0786 0.0779 0.0843 0.0779 0.0843 0.0779 0.0843 0.0776 0.0776 0.0776 0.0776 0.0776 0.0776 0.0776	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7659 0.7681 0.7703 0.7726 0.7748 0.7774 0.7792 0.7814 0.7837 0.7859	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626 0.0722 0.0586 0.0567 0.0835 0.0762 0.0662 0.0690 0.0765 0.0797 0.0667	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259 0.9281 0.9303 0.9325 0.9348 0.9370	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0589 0.0515 0.0623 0.0557 0.0602 0.0559 0.0657 0.0657 0.0620 0.0684 0.0588 0.0607 0.0670 0.0676 0.0676
-0.8606 -0.8636 -0.8666 -0.8726 -0.8756 -0.8786 -0.8816 -0.8845 -0.8905 -0.8905 -0.8995 -0.9025 -0.9055 -0.9085 -0.9115	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96 410.13 409.70 413.06 415.43 411.08 422.27 425.46 429.15 431.20 431.15	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0829 0.0849 0.0868 0.0907 0.0926 0.0946 0.0946 0.1094 0.1004 0.1004	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1712 0.1713 0.1658 0.1719 0.1763 0.1765 0.1765 0.1757 0.1716 0.1695 0.1699	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2128 0.2147 0.2166 0.2186 0.2205 0.2225 0.2224 0.2263 0.2283 0.2302 0.2302 0.2334 0.2366 0.2398	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2660 0.2677 0.2645 0.2636 0.2505 0.2513 0.2513 0.2510 0.2464 0.2473 0.2426 0.2406	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4592 0.4615 0.4637 0.4659 0.4703 0.4726 0.4748 0.4770 0.4792 0.4815 0.4837	0.1144 0.1124 0.1194 0.1124 0.1139 0.1132 0.1140 0.1174 0.1172 0.1214 0.1054 0.1051 0.1086 0.0996 0.1101 0.1133 0.1133 0.1133 0.1115 0.1180 0.1072	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.6037 0.6059 0.6081 0.6103 0.6126 0.6148 0.6170 0.6192 0.6215 0.6237 0.6259 0.6281 0.6303 0.6326 0.6348	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0850 0.0750 0.0775 0.0786 0.0779 0.0843 0.0779 0.0843 0.0779 0.0843 0.0776 0.0776 0.0776 0.0776 0.0776 0.0776 0.0776	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7659 0.7681 0.7703 0.7726 0.7748 0.7774 0.7792 0.7814 0.7837	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0567 0.0586 0.0567 0.0835 0.0762 0.0662 0.0762 0.0662 0.0765 0.0765 0.0797	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9103 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259 0.9281 0.9303 0.9325 0.9348	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0485 0.0559 0.0515 0.0523 0.0557 0.0602 0.0559 0.0657 0.0620 0.0684 0.0588 0.0670 0.0670 0.0676 0.0685 0.0685
-0.8606 -0.8636 -0.8666 -0.8726 -0.8756 -0.8786 -0.8816 -0.8845 -0.8905 -0.8905 -0.8955 -0.9055 -0.9055 -0.9085	395.78 395.81 395.97 396.75 397.29 398.19 400.49 400.70 402.48 406.96 410.13 409.70 413.06 415.43 418.96 421.08 422.27 425.46 429.15 431.20 431.15 434.56	0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829 0.0849 0.0868 0.0907 0.0926 0.0946 0.0965 0.0984 0.1004 0.1023 0.1043	0.1906 0.1880 0.1779 0.1771 0.1751 0.1762 0.1746 0.1712 0.1713 0.1658 0.1719 0.1763 0.1765 0.1765 0.1757 0.1716 0.1695	0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2186 0.2205 0.2225 0.2244 0.2263 0.2283 0.2302 0.2302 0.2304 0.2398 0.2430	0.3031 0.3019 0.2930 0.2935 0.2922 0.2840 0.2789 0.2753 0.2660 0.2677 0.2645 0.2650 0.2505 0.2513 0.2510 0.2464 0.2473	0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4526 0.4548 0.4570 0.4592 0.4615 0.4637 0.4681 0.4703 0.4726 0.4748 0.4770 0.4792 0.4815	0.1144 0.1124 0.1124 0.1139 0.1132 0.1140 0.1138 0.1145 0.1174 0.1172 0.1214 0.1051 0.1056 0.0996 0.1101 0.1139 0.1133 0.1133	0.5859 0.5881 0.5903 0.5926 0.5948 0.5970 0.6059 0.6037 0.6059 0.6126 0.6148 0.6170 0.6192 0.6215 0.6237 0.6281 0.6303 0.6326	0.0964 0.0854 0.0856 0.0967 0.0895 0.0861 0.0850 0.0750 0.0775 0.0786 0.0779 0.0843 0.0779 0.0843 0.0779 0.0843 0.0776 0.0776 0.0750 0.0776	0.7370 0.7392 0.7414 0.7437 0.7459 0.7481 0.7503 0.7526 0.7548 0.7570 0.7659 0.7681 0.7703 0.7726 0.7748 0.7774 0.7792 0.7814 0.7837 0.7859	0.0744 0.0992 0.0657 0.0674 0.0793 0.0517 0.0655 0.0675 0.0659 0.0746 0.0615 0.0626 0.0722 0.0586 0.0567 0.0835 0.0762 0.0662 0.0690 0.0765 0.0797 0.0667	0.8881 0.8903 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259 0.9281 0.9303 0.9325 0.9348 0.9370	0.0792 0.0659 0.0701 0.0608 0.0466 0.0543 0.0589 0.0515 0.0623 0.0557 0.0602 0.0559 0.0657 0.0650 0.0620 0.0684 0.0588 0.0607 0.0670 0.0676 0.0685

0.9437	0.0801	-0.3359	0.1797	-0.5755	0.1142	-0.7828	0.0290	-0.9862	0.0268	0.1546	628.65	0.3903	763.41
0.9459		-0.3394	0.1761	-0.5823		-0.7858	_						
								-0.9892		0.1565	622.43	0.3925	758.34
0.9481	0.0762	-0.3429	0.1740	-0.5853	0.1006	-0.7888		-0.9922	0.0219	0.1585	622.91	0.3947	754.01
0.9503	0.0796	-0.3464	0.1716	-0.5883	0.0954	-0.7918	0.0289			0.1604	614.00	0.3970	756.52
0.9525	0.0746	-0.3500	0.1704	-0.5913	0.0956	-0.7947	0.0286			0.1623	612.02	0.3992	754.67
0.9548		-0.3535	0.1700	-0.5943	0.0949	-0.7977	0.0267	0.05					
0.9570		-0.3570						CASE (<u> </u>	0.1643	613.47	0.4014	762.62
			0.1707	-0.5973	0.0875	-0.8007				0.1662	619.59	0.4036	762.12
0.9592	0.0726	-0.3605	0.1708	-0.6003	0.0861	-0.8037	0.0213	X/SL	Nu	0.1682	617.89	0.4059	762.07
		-0.3640	0.1686	-0.6033	0.0886	-0.8067	0.0203		1027.84	0.1701	617.00	0.4081	764.37
X/PL	η	-0.3676	0.1679	-0.6063	0.0905	-0.8097				0.1720	627.07	0.4103	762.22
-0.0359		-0.3711	0.1690	-0.6093	0.0897	-0.8127	0.0197	0.0403	973.22				
								0.0422	936.36	0.1740	634.95	0.4125	762.29
-0.0445	0.3478	-0.3746	0.1661	-0.6123	0.0901	-0.8157	0.0189	0.0441	960.26	0.1759	633.41	0.4147	773.84
-0.0530	0.3090	-0.3781	0.1655	-0.6153	0.0873	-0.8187	0.0195	0.0461	951.63	0.1778	638.25	0.4170	787.01
-0.0616	0.2992	-0.3817	0.1636	-0.6182	0.0907	-0.8217	0.0195	0.0480	897.40	0.1798	648.81	0.4192	789.81
-0.0701	0.3183	-0.3852	0.1616	-0.6212	0.0926	-0.8247	0.0184			0.1817	654.85	0.4214	779.71
-0.0787	0.3078	-0.3887	0.1602	-0.6242	0.0929	-0.8277		0.0499	861.56				
							0.0178	0.0519	841.82	0.1837	657.62	0.4236	781.60
-0.0872	0.2762	-0.3922	0.1613	-0.6272	0.0939	-0.8306	0.0181	0.0538	816.57	0.1856	657.19	0.4259	785.05
-0.0958	0.2620	-0.3958	0.1593	-0.6302	0.0883	-0.8336	0.0172	0.0558	803.10	0.1875	658.88	0.4281	794.39
-0.1044	0.2595	-0.3993	0.1580	-0.6332	0.0870	-0.8366	0.0209			0.1895	672.78	0.4303	791.39
-0.1129	0.2558	-0.4028	0.1563	-0.6362	0.0857	-0.8396	0.0206	0.0577	790.28	0.1914			794.59
		-0.4063	0.1543	-0.6392	0.0844			0.0596	779.71		671.11	0.4325	
-0.1215	0.2547					-0.8426	0.0210	0.0616	759.95	0.1933	677.58	0.4347	796.94
-0.1300	0.2469	-0.4099	0.1535	-0.6422	0.0876	-0.8456	0.0215	0.0635	746.32	0.1953	679.21	0.4370	805.37
-0.1386	0.2560	-0.4134	0.1536	-0.6452	0.0873	-0.8486	0.0282	0.0654	734.83	0.1972	678.53	0.4392	803.17
-0.1471	0.2618	-0.4169	0.1539	-0.6482	0.0896	-0.8516	0.0274			0.1992	681.37	0.4414	799.38
-0.1557	0.2642	-0.4204	0.1524	-0.6512	0.0874	-0.8546	0.0248	0.0674	728.75				
								0.0693	718.42	0.2011	682.42	0.4436	791.39
-0.1642	0.2693	-0.4240	0.1511	-0.6541	0.0967	-0.8576	0.0255	0.0713	699.90	0.2030	683.79	0.4459	796.32
-0.1728	0.2770	-0.4275	0.1508	-0.6571	0.1007	-0.8606	0.0279	0.0732	691.25	0.2050	680.53	0.4481	807.53
-0.1813	0.2827	-0.4310	0.1498	-0.6601	0.0990	-0.8636	0.0317	0.0751	682.28	0.2069	680.69	0.4503	798.82
-0.1899	0.2791	-0.4345	0.1482	-0.6631	0.0939	-0.8665	0.0277			0.2088	679.59	0.4525	803.10
-0.1984	0.2499	-0.4380	0.1444	-0.6661	0.0938	-0.8695	0.0261	0.0771	674.38				
								0.0790	662.14	0.2108	682.17	0.4547	804.32
-0.2020	0.2287	-0.4416	0.1422	-0.6691	0.0906	-0.8725	0.0269	0.0810	660.29	0.2127	681.02	0.4570	811.44
-0.2055	0.2209	-0.4451	0.1410	-0.6721	0.0953	-0.8755	0.0255	0.0829	645.02	0.2147	676.09	0.4592	807.23
-0.2090	0.2263	-0.4486	0.1406	-0.6751	0.0977	-0.8785	0.0240	0.0848	640.38	0.2166	673.46	0.4614	816.57
-0.2125	0.2202	-0.4521	0.1389	-0.6781	0.0955	-0.8815	0.0265			0.2185	668.63	0.4636	814.06
-0.2161	0.2289	-0.4557	0.1371	-0.6811	0.0908	-0.8845	0.0248	0.0868	628.60	0.2205	673.63	0.4659	811.37
		-0.4592						0.0887	625.83				
-0.2196	0.2529		0.1366	-0.6841	0.0924	-0.8875	0.0253	0.0906	619.19	0.2224	671.74	0.4681	810.57
-0.2231	0.2637	-0.4627	0.1370	-0.6871	0.0910	-0.8905	0.0269	0.0926	608.87	0.2243	668.58	0.4703	813.39
-0.2266	0.2476	-0.4662	0.1368	-0.6900	0.0955	-0.8935	0.0335	0.0945	599.95	0.2263	662.70	0.4725	820.00
-0.2302	0.2386	-0.4698	0.1362	-0.6930	0.1011	-0.8965	0.0375	0.0965	596.19	0.2282	654.65	0.4747	819.54
-0.2337	0.2376	-0.4733	0.1363	-0.6960	0.1003	-0.8995	0.0381			0.2302	658.56	0.4770	827.80
-0.2372		-0.4768	0.1365	-0.6990	0.1018	-0.9024		0.0984	589.04				
	0.2381						0.0410	0.1003	588.86	0.2302	655.63	0.4792	823.62
-0.2407	0.2406	-0.4803	0.1340	-0.7020	0.0965	-0.9054	0.0374	0.1023	581.74	0.2334	655.32	0.4814	819.76
-0.2442	0.2409	-0.4839	0.1335	-0.7050	0.0878	-0.9084	0.0452	0.1042	577.17	0.2366	654.11	0.4836	824.96
-0.2478	0.2350	-0.4874	0.1314	-0.7080	0.0865	-0.9114	0.0484	0.1061	566.53	0.2398	652.82	0.4859	826.87
-0.2513	0.2364	-0.4909	0.1330	-0.7110	0.0830	-0.9144	0.0462			0.2430	651.95	0.4881	834.16
-0.2548	0.2388	-0.4944	0.1329	-0.7140	0.0802	-0.9174	0.0457	0.1081	566.94				
								0.1100	564.77	0.2461	652.56	0.4903	828.25
-0.2583	0.2472	-0.4979	0.1326	-0.7170	0.0791	-0.9204	0.0422	0.1120	558.80	0.2493	651.19	0.4925	825.07
-0.2619	0.2509	-0.5015			0.0703	-0.9234	0.0386	0.1139	548.57	0.2525	646.72	0.4947	826.96
-0.2654	0.2530	-0.5050	0.1316	-0.7230	0.0738	-0.9264	0.0466	0.1158	544.77	0.2557	643.58	0.4970	830.48
-0.2689	0.2400	-0.5085	0.1295	-0.7259	0.0676	-0.9294	0.0487	0.1178	546.33	0.2589	646.48	0.4992	830.03
-0.2724	0.2437	-0.5120	0.1294	-0.7289	0.0663	-0.9324	0.0436			0.2621	645.98	0.5014	829.84
-0.2760			0.1296	-0.7319				0.1197	543.56				
	0.2321	-0.5156			0.0621	-0.9353	0.0466	0.1216	541.83	0.2653	646.40	0.5036	833.95
-0.2795	0.2321	-0.5191	0.1290	-0.7349	0.0652	-0.9383	0.0520	0.1236	539.08	0.2685	650.80	0.5059	830.05
-0.2830	0.2228	-0.5226	0.1293	-0.7379	0.0613	-0.9413	0.0520	0.1255	538.00	0.2717	652.52	0.5081	841.19
-0.2865	0.2185	-0.5261	0.1307	-0.7409	0.0521	-0.9443	0.0526				637.77	0.5103	830.82
-0.2901	0.2224		0.1286	-0.7439	0.0504	-0.9473	0.0492	0.1275	540.71		637.17	0.5125	835.95
			0.1283	-0.7469	0.0462	-0.9503		0.1294	545.67				
-0.2936	0.2201						0.0473	0.1313	552.75		643.62	0.5147	843.20
-0.2971	0.2263	-0.5367		-0.7499	0.0488	-0.9533	0.0500	0.1333	560.87		656.47	0.5170	836.19
-0.3006	0.2191		0.1261		0.0394	-0.9563	0.0575	0.1352	576.97	0.2877	677.99	0.5192	840.05
-0.3041	0.2140	-0.5438	0.1249	-0.7559	0.0350	-0.9593	0.0639	0.1371	591.92		659.44	0.5214	845.63
-0.3077	0.2085	-0.5473	0.1243	-0.7588	0.0339	-0.9623	0.0586				651.34	0.5236	850.30
-0.3112	0.2088		0.1234	-0.7618	0.0372	-0.9653	0.0525	0.1391	568.03		654.50		850.28
								0.1410	557.92			0.5259	
-0.3147	0.2033		0.1223	-0.7648	0.0395	-0.9683	0.0459	0.1430	558.17		666.36	0.5281	854.22
-0.3182	0.1971		0.1225		0.0374	-0.9712	0.0397	0.1449	574.51	0.3037	686.98	0.5303	856.00
-0.3218	0.1930	-0.5614	0.1216	-0.7708	0.0365	-0.9742	0.0317	0.1468	614.00		690.23	0.5325	852.90
-0.3253	0.1907		0.1191		0.0385	-0.9772	0.0355				777.48	0.5347	853.14
-0.3288	0.1876		0.1121		0.0352	-0.9802	0.0382	0.1488	634.23		766.33	0.5370	852.64
								0.1507	628.54				
-0.3323	0.1816	-0.5719	0.1064	-0.7798	0.0341	-0.9832	0.0324	0.1526	626.92	0.3881	760.48	0.5392	855.32

			700.00	0.0407	700.40	0.1016	471.01	-0.4064	423.42	-0.6422	418.83	-0.8457	391.75
0.5414	859.62	0.6925	793.90	0.8436	692.43	-0.1215	471.21		423.42	-0.6452	419.52	-0.8486	391.64
0.5436	865.04	0.6947	764.07	0.8458	672.10	-0.1301	453.57	-0.4099			-	-0.8516	391.48
0.5459	870.33	0.6970	755.64	0.8481	655.01	-0.1386	454.59	-0.4134	423.13	-0.6482	420.76		391.40
0.5481	874.72	0.6992	758.30	0.8503	647.07	-0.1472	439.16	-0.4170	423.34	-0.6512	420.06	-0.8546	
0.5503	887.37	0.7014	762.45	0.8525	654.28	-0.1557	423.04	-0.4205	422.37	-0.6542	420.15	-0.8576	392.33
0.5525	884.79	0.7036	774.45	0.8547	657.93	-0.1643	439.92	-0.4240	422.03	-0.6572	420.59	-0.8606	393.20
0.5547	877.35	0.7058	771.63	0.8569	668.93	-0.1728	475.64	-0.4275	422.90	-0.6602	420.02	-0.8636	394.17
0.5570	878.58	0.7081	765.73	0.8592	649.36	-0.1814	504.34	-0.4310	423.46	-0.6632	419.64	-0.8666	395.00
0.5592	881.48	0.7103	753.85	0.8614	655.27	-0.1899	449.43	-0.4346	422.92	-0.6662	420.10	-0.8696	396.26
0.5614	881.46	0.7125	770.11	0.8636	679.82	-0.1985	400.12	-0.4381	422.70	-0.6692	424.11	-0.8726	397.65
0.5636	885.29	0.7147	761.56	0.8658	675.15	-0.2020	410.20	-0.4416	423.10	-0.6721	420.68	-0.8756	398.80
		0.7170	743.57	0.8681	674.43	-0.2055	419.82	-0.4451	422.05	-0.6751	420.35	-0.8786	399.07
0.5658	881.50				691.43	-0.2091	466.75	-0.4487	420.85	-0.6781	421.81	-0.8816	400.33
0.5681	884.65	0.7192	752.63	0.8703		-0.2126	386.68	-0.4522	420.78	-0.6811	420.95	-0.8845	402.48
0.5703	901.80	0.7214	743.10	0.8725	667.68		368.00	-0.4557	420.10	-0.6841	420.06	-0.8875	404.39
0.5725	889.35	0.7236	753.96	0.8747	673.01	-0.2161		-0.4592	417.86	-0.6871	419.21	-0.8905	405.50
0.5747	885.16	0.7258	751.50	0.8769	675.94	-0.2196	385.85	-			420.40	-0.8935	407.64
0.5770	887.83	0.7281	769.10	0.8792	723.75	-0.2232	393.36	-0.4628	415.04	-0.6901			409.46
0.5792	889.60	0.7303	770.77	0.8814	677.05	-0.2267	417.48	-0.4663	414.21	-0.6931	420.80	-0.8965	
0.5814	883.32	0.7325	745.64	0.8836	675.37	-0.2302	456.15	-0.4698	413.95	-0.6961	419.72	-0.8995	411.43
0.5836	877.72	0.7347	750.31	0.8858	661.74	-0.2337	454.39	-0.4733	413.69	-0.6991	418.68	-0.9025	414.10
0.5858	885.07	0.7370	725.69	0.8881	669.08	-0.2372	445.54	-0.4769	413.32	-0.7021	414.63	-0.9055	416.94
0.5881	883.69	0.7392	738.31	0.8903	683.00	-0.2408	462.33	-0.4804	412.65	-0.7051	413.03	-0.9085	420.64
0.5903	888.09	0.7414	733.08	0.8925	673.84	-0.2443	464.40	-0.4839	411.74	-0.7080	411.98	-0.9115	423.15
0.5925	869.69	0.7436	724.30	0.8947	666.57	-0.2478	468.35	-0.4874	410.21	-0.7110	411.85	-0.9145	425.45
0.5947	866.18	0.7458	718.13	0.8969	666.97	-0.2513	436.18	-0.4910	409.54	-0.7140	410.68	-0.9174	428.51
0.5970	867.81	0.7481	749.37	0.8992	681.25	-0.2549	444.59	-0.4945	407.43	-0.7170	408.54	-0.9204	432.39
0.5992	872.15	0.7503	724.96	0.9014	678.53	-0.2584	450.19	-0.4980	406.48	-0.7200	407.31	-0.9234	435.26
0.6014	869.68	0.7525	726.13	0.9036	682.36	-0.2619	458.46	-0.5015	403.33	-0.7230	406.84	-0.9264	438.53
	866.60	0.7547	709.87	0.9058	699.76	-0.2654	480.34	-0.5050	402.12	-0.7260	407.18	-0.9294	441.56
0.6036			726.83	0.9081	695.94	-0.2690	467.57	-0.5086	401.97	-0.7290	405.56	-0.9324	445.35
0.6058	883.33	0.7570	707.87	0.9103	700.75	-0.2725	458.95	-0.5121	402.50	-0.7320	402.09	-0.9354	448.17
0.6081	861.43	0.7592				-0.2760	446.41	-0.5156	400.18	-0.7350	401.43	-0.9384	452.70
0.6103	862.51	0.7614	728.43	0.9125	712.30	-0.2795	418.83	-0.5191	399.71	-0.7380	402.23	-0.9414	455.75
0.6125	860.58	0.7636	746.04	0.9147	711.77			-0.5227	400.41	-0.7409	402.85	-0.9444	460.37
0.6147	844.21	0.7658	723.68	0.9169	723.57	-0.2831	415.56	-0.5262	400.57	-0.7439	402.70	-0.9474	463.00
0.6170	842.28	0.7681	708.64	0.9192	717.63	-0.2866	455.75		399.86	-0.7469	399.92	-0.9504	466.37
0.6192	841.69	0.7703	710.15	0.9214	719.94	-0.2901	480.13	-0.5297		-0.7499	397.91	-0.9533	471.20
0.6214	853.43	0.7725	678.21	0.9236	725.05	-0.2936	422.73	-0.5332	399.02		396.74	-0.9563	474.17
0.6236	843.66	0.7747	682.26	0.9258	736.11	-0.2971	406.25	-0.5495	404.51	-0.7529		-0.9593	479.06
0.6258	852.65	0.7770	714.11	0.9281	735.67	-0.3007	407.68	-0.5525	405.45	-0.7559 -0.7589	395.69 395.22		483.34
0.6281	852.35	0.7792	733.67	0.9303	751.89		409.13	-0.5555	405.22				400.04
0.6303		•				-0.3042						-0.9623	100 21
0.0000	841.35	0.7814	727.48	0.9325	745.59	-0.3077	409.90	-0.5585	405.60	-0.7619	394.51	-0.9653	488.31
0.6325	841.35 825.91			0.9325 0.9347	745.59 756.08	-0.3077 -0.3112	409.90 411.37	-0.5585 -0.5615	405.60 406.09	-0.7619 -0.7649	394.51 393.25	-0.9653 -0.9683	494.17
		0.7814	727.48	0.9325 0.9347 0.9369	745.59 756.08 766.78	-0.3077 -0.3112 -0.3148	409.90 411.37 414.84	-0.5585 -0.5615 -0.5645	405.60 406.09 406.78	-0.7619 -0.7649 -0.7679	394.51 393.25 392.59	-0.9653 -0.9683 -0.9713	494.17 499.09
0.6325	825.91	0.7814 0.7836	727.48 692.76	0.9325 0.9347	745.59 756.08 766.78 766.12	-0.3077 -0.3112 -0.3148 -0.3183	409.90 411.37 414.84 417.19	-0.5585 -0.5615 -0.5645 -0.5674	405.60 406.09 406.78 407.58	-0.7619 -0.7649 -0.7679 -0.7709	394.51 393.25 392.59 392.47	-0.9653 -0.9683 -0.9713 -0.9743	494.17 499.09 505.42
0.6325 0.6347	825.91 827.70	0.7814 0.7836 0.7858	727.48 692.76 704.36	0.9325 0.9347 0.9369	745.59 756.08 766.78	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218	409.90 411.37 414.84 417.19 418.48	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704	405.60 406.09 406.78 407.58 408.76	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739	394.51 393.25 392.59 392.47 392.48	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773	494.17 499.09 505.42 511.48
0.6325 0.6347 0.6370	825.91 827.70 848.63	0.7814 0.7836 0.7858 0.7881	727.48 692.76 704.36 689.95	0.9325 0.9347 0.9369 0.9392	745.59 756.08 766.78 766.12	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253	409.90 411.37 414.84 417.19 418.48 434.66	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734	405.60 406.09 406.78 407.58 408.76 408.47	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768	394.51 393.25 392.59 392.47 392.48 392.50	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803	494.17 499.09 505.42 511.48 518.51
0.6325 0.6347 0.6370 0.6392 0.6414	825.91 827.70 848.63 814.40	0.7814 0.7836 0.7858 0.7881 0.7903	727.48 692.76 704.36 689.95 727.10	0.9325 0.9347 0.9369 0.9392 0.9414	745.59 756.08 766.78 766.12 778.05	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218	409.90 411.37 414.84 417.19 418.48	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734 -0.5764	405.60 406.09 406.78 407.58 408.76 408.47 408.90	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7798	394.51 393.25 392.59 392.47 392.48 392.50 392.67	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9833	494.17 499.09 505.42 511.48 518.51 523.94
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436	825.91 827.70 848.63 814.40 829.53 812.99	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947	727.48 692.76 704.36 689.95 727.10 690.82 728.02	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436	745.59 756.08 766.78 766.12 778.05 787.70	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253	409.90 411.37 414.84 417.19 418.48 434.66	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734 -0.5764 -0.5794	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7798 -0.7828	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9833 -0.9863	494.17 499.09 505.42 511.48 518.51 523.94 531.61
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458	825.91 827.70 848.63 814.40 829.53 812.99 819.18	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481	745.59 756.08 766.78 766.12 778.05 787.70 799.35	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324	409.90 411.37 414.84 417.19 418.48 434.66 420.33	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734 -0.5764	405.60 406.09 406.78 407.58 408.76 408.47 408.90	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7798 -0.7828 -0.7858	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9833 -0.9863 -0.9892	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6481	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324 -0.3359	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734 -0.5764 -0.5794	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7798 -0.7828 -0.7858 -0.7888	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9833 -0.9863	494.17 499.09 505.42 511.48 518.51 523.94 531.61
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6481 0.6503	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734 -0.5764 -0.5794 -0.5824	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7798 -0.7828 -0.7858 -0.7888 -0.7918	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9833 -0.9863 -0.9892	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6481 0.6503 0.6525	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525 0.9547	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324 -0.3359 -0.3394 -0.3430	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734 -0.5764 -0.5794 -0.5824 -0.5854	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7798 -0.7828 -0.7858 -0.7888	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9833 -0.9863 -0.9892 -0.9922	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6481 0.6503 0.6525 0.6547	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525 0.9547 0.9569	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324 -0.3359 -0.3394 -0.3430 -0.3465	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734 -0.5764 -0.5794 -0.5824 -0.5854 -0.5884	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7798 -0.7828 -0.7858 -0.7888 -0.7918	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9833 -0.9863 -0.9892	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6481 0.6503 0.6525 0.6547 0.6570	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525 0.9547	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324 -0.3359 -0.3455 -0.3465 -0.3500	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734 -0.5764 -0.5794 -0.5824 -0.5854 -0.5884 -0.5914	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7798 -0.7828 -0.7858 -0.7858 -0.7918 -0.7948	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88 389.34	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9833 -0.9863 -0.9892 -0.9922	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6481 0.6503 0.6525 0.6547 0.6570 0.6592	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058 0.8081 0.8103	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9451 0.9503 0.9525 0.9547 0.9569 0.9592	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3359 -0.3359 -0.3430 -0.3465 -0.3500 -0.3535	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01	-0.5585 -0.5615 -0.5674 -0.5704 -0.5734 -0.5764 -0.5794 -0.5884 -0.5884 -0.5914 -0.5944 -0.5974	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.25 410.21 410.21 410.77 411.85 412.87 413.68	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7798 -0.7858 -0.7858 -0.7918 -0.7948 -0.7978	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88 389.34 389.20	-0.9653 -0.9683 -0.9713 -0.9743 -0.9803 -0.9803 -0.9863 -0.9863 -0.9892 -0.9922	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6481 0.6503 0.6525 0.6547 0.6570 0.6592 0.6614	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058 0.8081 0.8103	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525 0.9547 0.9569 0.9592	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3359 -0.3359 -0.3430 -0.3465 -0.3500 -0.3535 -0.3571	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 427.04	-0.5585 -0.5615 -0.5674 -0.5704 -0.5734 -0.5764 -0.5824 -0.5884 -0.5914 -0.5944 -0.5974 -0.6003	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85 412.87 413.68 413.91	-0.7619 -0.7649 -0.7679 -0.7709 -0.7768 -0.7798 -0.7828 -0.7858 -0.7858 -0.7918 -0.7948 -0.7978 -0.8008	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88 389.34 389.20 389.43	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9833 -0.9863 -0.9892 -0.9922	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6481 0.6503 0.6525 0.6570 0.6570 0.6592 0.6614 0.6636	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058 0.8058 0.8103 0.8125 0.8147	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00 Nu 1364.65	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3359 -0.3359 -0.3465 -0.3500 -0.3535 -0.3571 -0.3606	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 427.04 426.83	-0.5585 -0.5615 -0.5674 -0.5704 -0.5734 -0.5764 -0.5794 -0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7828 -0.7858 -0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88 389.34 389.20 389.43 389.34 390.76	-0.9653 -0.9683 -0.9713 -0.9743 -0.9803 -0.9803 -0.9863 -0.9892 -0.9922 CASE	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6481 0.6503 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6658	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058 0.8058 0.8125 0.8147 0.8169	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324 -0.3359 -0.3430 -0.34405 -0.3500 -0.3535 -0.3571 -0.3606 -0.3641	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 427.04 426.83 426.74	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5764 -0.5794 -0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.28	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7828 -0.7858 -0.7988 -0.7918 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88 389.34 389.20 389.43 389.34	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9863 -0.9892 -0.9922 CASE X/SL 0.0519 0.0539	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 0 - n 0.4819 0.4395
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6525 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6658	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.8036 0.8036 0.8058 0.8081 0.8103 0.8125 0.8147 0.8169 0.8192	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324 -0.3359 -0.3430 -0.3465 -0.3500 -0.3535 -0.3571 -0.3606 -0.3641 -0.3676	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 426.83 426.74 426.10	-0.5585 -0.5615 -0.5645 -0.5674 -0.5704 -0.5734 -0.5794 -0.5824 -0.5854 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6093	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.28 415.58	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7828 -0.7858 -0.7888 -0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88 389.34 389.34 389.43 389.43 389.43 389.43 389.49 389.84	-0.9653 -0.9683 -0.9713 -0.9743 -0.9803 -0.9833 -0.9863 -0.9892 -0.9922 CASE X/SL 0.0519 0.0539 0.0558	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 0 - n 0.4819 0.4395 0.4105
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6658 0.6681 0.6703	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50 785.17	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058 0.8103 0.8125 0.8147 0.8169 0.8192 0.8214	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90 656.46	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9503 0.9503 0.95525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274 -0.0360	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43 1047.29	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324 -0.3359 -0.3430 -0.3445 -0.3500 -0.3535 -0.3571 -0.3606 -0.3676 -0.3711	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 427.04 426.83 426.74 426.10 428.40	-0.5585 -0.5615 -0.5645 -0.5704 -0.5734 -0.5764 -0.5794 -0.5854 -0.5884 -0.5974 -0.6003 -0.6033 -0.6063 -0.6093 -0.6123	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.28 415.58 415.65	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7828 -0.7858 -0.7918 -0.7918 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88 389.34 389.20 389.43 389.34 390.76 390.49	-0.9653 -0.9683 -0.9713 -0.9743 -0.9773 -0.9803 -0.9863 -0.9892 -0.9922 CASE X/SL 0.0519 0.0539	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 O - n 0.4819 0.4395 0.4105 0.3821
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6658 0.6681 0.6703 0.6725	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50 785.17 791.13	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.8036 0.8036 0.8081 0.8103 0.8125 0.8147 0.8169 0.8192 0.8214	727.48 692.76 704.36 689.95 727.10 690.82 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90 656.46 662.65	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274 -0.0360 -0.0445	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43 1047.29 970.16	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3324 -0.3359 -0.3430 -0.3465 -0.3500 -0.3535 -0.3571 -0.3606 -0.3676 -0.3671 -0.3674	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 427.04 426.83 426.74 426.10 428.40 428.59	-0.5585 -0.5615 -0.5645 -0.5704 -0.5734 -0.5794 -0.5824 -0.5884 -0.5914 -0.5944 -0.6003 -0.6003 -0.6003 -0.6093 -0.6123 -0.6153	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85 412.87 413.68 413.39 415.28 415.58 415.65 417.01	-0.7619 -0.7649 -0.7679 -0.7739 -0.7768 -0.7858 -0.7858 -0.7918 -0.7918 -0.8008 -0.8008 -0.8038 -0.8048 -0.8127 -0.8157 -0.8187	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.34	-0.9653 -0.9683 -0.9713 -0.9773 -0.9803 -0.9833 -0.9863 -0.9892 -0.9922 CASE X/SL 0.0519 0.0539 0.0558 0.0577 0.0597	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 0 - n 0.4819 0.4395 0.4105 0.3821 0.3615
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6503 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6681 0.6725 0.6747	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50 785.17 791.13 787.67	0.7814 0.7836 0.7858 0.7851 0.7903 0.7925 0.7947 0.7969 0.8014 0.8036 0.8058 0.8081 0.8125 0.8147 0.8169 0.8192 0.8214 0.8236 0.8258	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90 656.46 662.65 657.21	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274 -0.0360 -0.0445 -0.0531	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43 1047.29 970.16 863.14	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3359 -0.3359 -0.3465 -0.3500 -0.3535 -0.3571 -0.3606 -0.3641 -0.3676 -0.3711 -0.3747 -0.3782	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 427.04 426.83 426.74 426.10 428.59 426.62	-0.5585 -0.5615 -0.5674 -0.5704 -0.5734 -0.5794 -0.5824 -0.5884 -0.5914 -0.5944 -0.6003 -0.6003 -0.6003 -0.6063 -0.6123 -0.6183	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.28 415.58 417.01 418.33	-0.7619 -0.7649 -0.7679 -0.7709 -0.7768 -0.7768 -0.7858 -0.7858 -0.7918 -0.7948 -0.8008 -0.8008 -0.8068 -0.8068 -0.8157 -0.8157 -0.8157 -0.8157	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.67 391.35 389.84 389.34 389.34 389.34 389.34 389.34 389.34 389.34 389.34 389.34 389.34 389.34 389.34 389.34 389.34 389.34 389.34	-0.9653 -0.9683 -0.9713 -0.9773 -0.9803 -0.9833 -0.9863 -0.9922 -0.9922 -0.9519 0.0539 0.0558 0.0577 0.0597 0.0616	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 0 - n 0.4819 0.4395 0.4105 0.3821 0.3615 0.3498
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6503 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6681 0.6703 0.6725 0.6747 0.6770	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50 785.17 791.13 787.67 812.05	0.7814 0.7836 0.7858 0.7858 0.7925 0.7947 0.7947 0.7992 0.8014 0.8036 0.8058 0.8081 0.8103 0.8125 0.8147 0.8169 0.8125 0.8214 0.8236 0.8258	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90 656.46 662.65 657.21 665.02	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9481 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274 -0.0360 -0.0445 -0.0531 -0.0616	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43 1047.29 970.16 863.14 778.48	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3259 -0.3324 -0.3359 -0.3455 -0.3500 -0.3535 -0.3571 -0.3606 -0.3641 -0.3671 -0.3747 -0.3782 -0.3817	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 427.04 426.83 426.74 426.10 428.59 426.62 425.74	-0.5585 -0.5615 -0.5674 -0.5704 -0.5734 -0.5794 -0.5824 -0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6063 -0.6153 -0.6153 -0.6183 -0.6183 -0.6213	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.28 415.58 415.65 417.01 418.33 420.70	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7828 -0.7858 -0.7918 -0.7918 -0.8008 -0.8008 -0.8068 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.67 391.35 389.84 389.34 389.34 389.34 390.76 390.49 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84	-0.9653 -0.9683 -0.9713 -0.9773 -0.9803 -0.9863 -0.9863 -0.9922 -0.9922 -0.539 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 0 - 11 0.4819 0.4395 0.4395 0.3821 0.3615 0.3498 0.3335
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6503 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6681 0.6703 0.6725 0.6747 0.6792	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50 785.17 791.13 787.67 812.05 768.01	0.7814 0.7836 0.7858 0.7858 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058 0.8081 0.8125 0.8147 0.8169 0.8124 0.8258 0.8258 0.8258	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90 656.46 662.65 657.21 665.02 655.19	0.9325 0.9347 0.9369 0.9392 0.9414 0.9458 0.9458 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274 -0.0360 -0.0360 -0.03616 -0.0702	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43 1047.29 970.16 863.14 778.48 705.98	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3259 -0.3324 -0.3359 -0.3430 -0.3465 -0.3500 -0.3535 -0.3571 -0.3606 -0.3641 -0.3747 -0.3782 -0.3782 -0.3852	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 427.04 426.83 426.74 426.10 428.59 426.62 425.74 425.34	-0.5585 -0.5615 -0.5674 -0.5704 -0.5734 -0.5764 -0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6063 -0.6153 -0.6183 -0.6183 -0.6183 -0.6183 -0.6213 -0.6243	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.28 415.58 415.65 417.01 418.33 420.70 420.11	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7768 -0.7858 -0.7858 -0.7918 -0.7918 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8157 -0.8247 -0.8277	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.84 389.34	-0.9653 -0.9683 -0.9713 -0.9773 -0.9803 -0.9833 -0.9863 -0.9922 -0.9922 CASE X/SL 0.0519 0.0539 0.0558 0.0577 0.0597 0.0636 0.0636	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 Q — n 0.4819 0.4395 0.4105 0.3821 0.3615 0.3498 0.3335 0.3266
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6503 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6681 0.6703 0.6725 0.6747 0.6792 0.6814	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50 785.17 791.13 787.67 812.05 768.01 767.25	0.7814 0.7836 0.7858 0.7858 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058 0.8147 0.8169 0.8125 0.8147 0.8169 0.8214 0.8236 0.8258 0.8281 0.8303 0.8325	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90 656.46 662.65 657.21 665.02 655.19 673.83	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9458 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274 -0.0360 -0.0445 -0.0531 -0.0616 -0.0702 -0.0787	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43 1047.29 970.16 863.14 778.48 705.98 655.62	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3394 -0.3430 -0.3465 -0.3500 -0.3535 -0.3571 -0.3606 -0.3641 -0.3676 -0.3711 -0.3782 -0.3817 -0.3852 -0.3888	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 426.83 426.74 426.10 428.40 428.59 426.62 425.74 425.34 423.53	-0.5585 -0.5615 -0.5674 -0.5704 -0.5704 -0.5764 -0.5824 -0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6123 -0.6243 -0.6273	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.28 415.65 417.01 418.33 420.70 420.11 420.22	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7798 -0.7858 -0.7858 -0.7918 -0.7918 -0.7948 -0.8008 -0.8008 -0.8008 -0.8127 -0.8127 -0.8157 -0.8217 -0.8217 -0.8247 -0.8277 -0.8307	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.84 389.34	-0.9653 -0.9683 -0.9713 -0.9743 -0.9803 -0.9833 -0.9863 -0.9892 -0.9922 -0.9922 -0.0519 -0.0539 -0.0558 -0.0577 -0.0597 -0.0636 -0.0636 -0.0635 -0.0674	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 0n 0.4819 0.4395 0.4105 0.3405 0.3405 0.3405 0.3498 0.3335 0.3266 0.3207
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6503 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6658 0.6725 0.6725 0.67747 0.6770 0.6792 0.6814 0.6836	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50 785.17 791.13 787.67 812.05 768.01 767.25 776.27	0.7814 0.7836 0.7858 0.7858 0.7903 0.7925 0.7947 0.7969 0.7969 0.8014 0.8036 0.8058 0.8147 0.8169 0.8147 0.8169 0.8214 0.8236 0.8281 0.8281 0.8303 0.8325 0.8347	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90 656.46 662.65 657.21 665.02 655.19 673.83 680.89	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9458 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274 -0.0360 -0.0445 -0.0531 -0.0616 -0.0702 -0.0787 -0.0873	745.59 756.08 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43 1047.29 970.16 863.14 778.48 705.98 655.62 619.99	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3359 -0.3430 -0.3465 -0.3500 -0.3535 -0.3571 -0.3606 -0.3641 -0.3676 -0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 426.83 426.74 426.10 428.40 428.59 426.62 425.74 425.34 423.53 423.53 423.81	-0.5585 -0.5615 -0.5674 -0.5704 -0.5704 -0.5764 -0.5824 -0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6123 -0.6123 -0.6243 -0.6273 -0.6303	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.28 415.65 417.01 418.33 420.70 420.11 420.22 419.80	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7798 -0.7858 -0.7858 -0.7918 -0.7918 -0.7978 -0.8008 -0.8008 -0.8068 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8237 -0.8337 -0.8337	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.63 391.35 389.84 389.34 39	-0.9653 -0.9683 -0.9713 -0.9743 -0.9803 -0.9833 -0.9863 -0.9922 -0.9922 -0.9922 -0.0519 -0.0539 -0.0558 -0.0577 -0.0597 -0.0636 -0.0636 -0.0636 -0.0634 -0.0694	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 0 - n 0.4819 0.4395 0.4105 0.3821 0.3615 0.3498 0.3335 0.3266 0.3207 0.3153
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6525 0.6525 0.6570 0.6592 0.6581 0.6703 0.6725 0.6747 0.6770 0.6792 0.6814 0.6836 0.6858	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50 785.17 791.13 787.67 812.05 768.01 767.25 776.27	0.7814 0.7836 0.7858 0.7881 0.7903 0.7925 0.7947 0.7969 0.7992 0.8014 0.8036 0.8058 0.8125 0.8147 0.8169 0.8214 0.8236 0.8281 0.8281 0.8363 0.8325 0.8347 0.8369	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90 656.46 662.65 657.21 665.02 655.19 673.83 680.89 689.26	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9458 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274 -0.0360 -0.0445 -0.0531 -0.0516 -0.0702 -0.0787 -0.0873 -0.0958	745.59 756.08 766.78 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43 1047.29 970.16 863.14 778.48 705.98 655.62 619.99 579.91	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3359 -0.3430 -0.3465 -0.3500 -0.3535 -0.3571 -0.3606 -0.3641 -0.3676 -0.3717 -0.3747 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923 -0.3958	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.88 423.52 424.73 426.01 427.04 426.83 426.74 426.10 428.40 428.59 426.62 425.74 425.34 425.34 425.34 425.34 425.34 425.53 423.53 423.53	-0.5585 -0.5615 -0.5674 -0.5704 -0.5704 -0.5764 -0.5794 -0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6123 -0.6123 -0.6213 -0.6213 -0.6243 -0.6273 -0.6303 -0.6303 -0.6303 -0.6303 -0.6303 -0.6303 -0.6303 -0.6303 -0.6303 -0.6303	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.58 415.65 417.01 418.33 420.70 420.11 420.22 419.80 419.66	-0.7619 -0.7649 -0.7679 -0.7739 -0.7768 -0.7788 -0.7828 -0.7888 -0.7918 -0.7918 -0.7948 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8157 -0.8217 -0.8217 -0.8237 -0.8337 -0.8337 -0.8367	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.96 391.35 389.88 389.34 389.20 389.43 389.34 389.34 389.34 389.49 388.84 389.84 388.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84 389.84	-0.9653 -0.9683 -0.9713 -0.9773 -0.9803 -0.9833 -0.9863 -0.9922 -0.9922 -0.539 -0.0539 -0.0558 -0.0577 -0.0597 -0.0636 -0.0636 -0.0636 -0.0636 -0.0694 -0.0713	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 0 - n 0.4819 0.4395 0.4105 0.3821 0.3615 0.3498 0.3335 0.3266 0.3207 0.3153 0.2940
0.6325 0.6347 0.6370 0.6392 0.6414 0.6436 0.6458 0.6503 0.6525 0.6547 0.6570 0.6592 0.6614 0.6636 0.6658 0.6725 0.6725 0.67747 0.6770 0.6792 0.6814 0.6836	825.91 827.70 848.63 814.40 829.53 812.99 819.18 806.09 805.50 795.95 807.07 827.25 793.25 819.89 806.14 814.53 822.50 785.17 791.13 787.67 812.05 768.01 767.25 776.27	0.7814 0.7836 0.7858 0.7858 0.7903 0.7925 0.7947 0.7969 0.7969 0.8014 0.8036 0.8058 0.8147 0.8169 0.8147 0.8169 0.8214 0.8236 0.8281 0.8281 0.8303 0.8325 0.8347	727.48 692.76 704.36 689.95 727.10 690.82 728.02 705.21 704.38 695.06 666.65 679.96 696.30 672.02 682.88 707.12 702.58 665.90 656.46 662.65 657.21 665.02 655.19 673.83 680.89	0.9325 0.9347 0.9369 0.9392 0.9414 0.9436 0.9458 0.9458 0.9503 0.9525 0.9547 0.9569 0.9592 X/PL -0.0103 -0.0189 -0.0274 -0.0360 -0.0445 -0.0531 -0.0616 -0.0702 -0.0787 -0.0873	745.59 756.08 766.12 778.05 787.70 799.35 811.23 824.23 822.79 837.27 862.76 869.00 Nu 1364.65 1235.09 1150.43 1047.29 970.16 863.14 778.48 705.98 655.62 619.99	-0.3077 -0.3112 -0.3148 -0.3183 -0.3218 -0.3253 -0.3289 -0.3359 -0.3430 -0.3465 -0.3500 -0.3535 -0.3571 -0.3606 -0.3641 -0.3676 -0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923	409.90 411.37 414.84 417.19 418.48 434.66 420.33 436.32 421.69 423.42 423.88 423.52 424.73 426.01 426.83 426.74 426.10 428.40 428.59 426.62 425.74 425.34 423.53 423.53 423.81	-0.5585 -0.5615 -0.5674 -0.5704 -0.5704 -0.5764 -0.5824 -0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6123 -0.6123 -0.6243 -0.6273 -0.6303	405.60 406.09 406.78 407.58 408.76 408.47 408.90 410.00 410.25 410.21 410.77 411.85 412.87 413.68 413.91 413.39 415.58 415.65 417.01 418.33 420.70 420.11 420.22 419.80 420.69	-0.7619 -0.7649 -0.7679 -0.7709 -0.7739 -0.7798 -0.7858 -0.7858 -0.7918 -0.7918 -0.7978 -0.8008 -0.8008 -0.8068 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8237 -0.8337 -0.8337	394.51 393.25 392.59 392.47 392.48 392.50 392.67 393.28 392.63 391.35 389.84 389.34 39	-0.9653 -0.9683 -0.9713 -0.9743 -0.9803 -0.9833 -0.9863 -0.9922 -0.9922 -0.9922 -0.0519 -0.0539 -0.0558 -0.0577 -0.0597 -0.0636 -0.0636 -0.0636 -0.0634 -0.0694	494.17 499.09 505.42 511.48 518.51 523.94 531.61 538.39 543.84 0 - n 0.4819 0.4395 0.4105 0.3821 0.3615 0.3498 0.3335 0.3266 0.3207 0.3153

0.0771	0.2766	0.2089	0.3579	0.4503	0.2432	0.6015	0.1634	0.7526	0.1293	0.0027	0.0454	0.0705	0.0070
0.0791										0.9037	0.0454	-0.2795	
		0.2108	0.3625	0.4526		0.6037	0.1711	0.7548	0.1164	0.9059	0.0505	-0.2830	0.2469
0.0810		0.2128	0.3493	0.4548	0.2503	0.6059	0.1761	0.7570	0.1284	0.9081	0.0608	-0.2865	0.2637
0.0829	0.2640	0.2147	0.3425	0.4570	0.2539	0.6081	0.1704	0.7592	0.1125	0.9103	0.0613	-0.2901	0.2639
0.0849	0.2624	0.2166		0.4592		0.6103	0.1611	0.7614	0.1320	0.9126	0.0727		
0.0868	0.2548											-0.2936	0.2402
		0.2186	0.3288	0.4615		0.6126	0.1627	0.7637	0.1487	0.9148	0.0634	-0.2971	0.2361
0.0888	0.2627	0.2205	0.3315	0.4637	0.2623	0.6148	0.1667	0.7659	0.1176	0.9170	0.0645	-0.3006	0.2366
0.0907	0.2618	0.2225	0.3257	0.4659	0.2555	0.6170	0.1572	0.7681	0.1152	0.9192	0.0587	-0.3041	0.2398
0.0926	0.2565	0.2244	0.3225	0.4681	0.2479	0.6192	0.1477	0.7703	0.1147	0.9214	0.0536	-0.3077	0.2349
0.0946	0.2448	0.2263	0.3155	0.4703		0.6215	0.1506		0.0842				
								0.7726		0.9237	0.0527	-0.3112	
0.0965	0.2414	0.2283	0.3056	0.4726		0.6237	0.1518	0.7748	0.1008	0.9259	0.0545	-0.3147	0.2276
0.0984	0.2474	0.2302	0.3076	0.4748	0.2458	0.6259	0.1655	0.7770	0.1270	0.9281	0.0501	-0.3182	0.2327
0.1004	0.2520	0.2302	0.3088	0.4770	0.2482	0.6281	0.1594	0.7792	0.1390	0.9303	0.0551	-0.3218	0.2313
0.1023	0.2482	0.2334	0.3056	0.4792		0.6303	0.1490	0.7814	0.1309	0.9325	0.0452		
0.1043	0.2528	0.2366										-0.3253	0.2325
			0.3036	0.4815	0.2392	0.6326	0.1530	0.7837	0.1095	0.9348	0.0441	-0.3288	0.2290
0.1062	0.2442	0.2398	0.2992	0.4837	0.2379	0.6348	0.1520	0.7859	0.1287	0.9370	0.0521	-0.3323	0.2313
0.1081	0.2461	0.2430	0.2927	0.4859	0.2341	0.6370	0.1695	0.7881	0.1047	0.9392	0.0431	-0.3359	0.2216
0.1101	0.2465	0.2462	0.2936	0.4881	0.2456	0.6392	0.1546	0.7903	0.1419	0.9414	0.0434	-0.3394	0.2191
0.1120	0.2423	0.2494	0.2920	0.4903	0.2372	0.6415	0.1520	0.7926	0.1003	0.9437			
0.1139	0.2376		0.2838								0.0422	-0.3429	0.2175
		0.2526		0.4926	0.2332	0.6437	0.1452	0.7948	0.1327	0.9459	0.0421	-0.3464	0.2089
0.1159	0.2552	0.2558	0.2797	0.4948	0.2287	0.6459	0.1489	0.7970	0.1247	0.9481	0.0427	-0.3500	0.2122
0.1178	0.2507	0.2590	0.2814	0.4970	0.2257	0.6481	0.1386	0.7992	0.1253	0.9503	0.0494	-0.3535	0.2099
0.1198	0.2417	0.2622	0.2769	0.4992	0.2271	0.6503	0.1491	0.8014	0.1340	0.9525	0.0387	-0.3570	0.2073
0.1217	0.2425	0.2654	0.2718	0.5015	0.2233	0.6526	0.1351	0.8037	0.0973	0.9548	0.0462		
												-0.3605	0.2029
0.1236	0.2399	0.2686	0.2788	0.5037	0.2191	0.6548	0.1412	0.8059	0.1019	0.9570	0.0505	-0.3640	0.2011
0.1256	0.2433	0.2718	0.2814	0.5059	0.2153	0.6570	0.1483	0.8081	0.1185	0.9592	0.0479	-0.3676	0.1978
0.1275	0.2505	0.2750	0.2581	0.5081	0.2168	0.6592	0.1510	0.8103	0.1068			-0.3711	0.2017
0.1294	0.2580	0.2782	0.2915	0.5103	0.2096	0.6615	0.1564	0.8126	0.0999	X/PL	η	-0.3746	0.1997
0.1314	0.2692	0.2814	0.3557	0.5126	0.2071	0.6637	0.1488	0.8148	0.1199	-0.0530	0.3733	-0.3781	0.1968
0.1333	0.2813	0.2846	0.3882	0.5148	0.2088								
						0.6659	0.1464	0.8170	0.1218	-0.0616	0.3461	-0.3817	0.1945
0.1353	0.2915	0.2878	0.4043	0.5170	0.1996	0.6681	0.1601	0.8192	0.0848	-0.0701	0.3334	-0.3852	0.1930
0.1372	0.2950	0.2910	0.3970	0.5192	0.2012	0.6703	0.1384	0.8214	0.0909	-0.0787	0.3197	-0.3887	0.1887
0.1391	0.3064	0.2942	0.4062	0.5215	0.2050	0.6726	0.1324	0.8237	0.0993	-0.0872	0.3162	-0.3922	0.1926
0.1411	0.3515	0.2974	0.4150	0.5237	0.1986	0.6748	0.1436	0.8259	0.0905	-0.0958	0.3022	-0.3958	0.1872
0.1430	0.3826	0.3006	0.4373	0.5259	0.1995	0.6770	0.1578						
								0.8281	0.1024	-0.1044	0.2645	-0.3993	0.1870
0.1449	0.4012	0.3038	0.4467	0.5281	0.1950	0.6792	0.1329	0.8303	0.0880	-0.1129	0.2473	-0.4028	0.1836
0.1469	0.3895	0.3069	0.3645	0.5303	0.1927	0.6814	0.1295	0.8326	0.1016	-0.1215	0.2304	-0.4063	0.1855
0.1488	0.4115	0.3837	0.3232	0.5326	0.1802	0.6837	0.1400	0.8348	0.1095	-0.1300	0.2495	-0.4099	0.1847
0.1508	0.4020	0.3837	0.3022	0.5348	0.1816	0.6859	0.1522		0.1213	-0.1386	0.2633	-0.4134	0.1807
0.1527	0.4180	0.3859	0.2990	0.5370	0.1891	0.6881	0.1386	0.8392	0.1098				
	0.4212									-0.1471	0.2608	-0.4169	0.1761
0.1546		0.3881	0.2853	0.5392	0.1798	0.6903	0.1338	0.8414	0.0984	-0.1557	0.2627	-0.4204	0.1746
0.1566	0.4310	0.3904	0.2914	0.5415	0.1737	0.6926	0.1561	0.8437	0.1103	-0.1642	0.2743	-0.4240	0.1781
0.1585	0.4263	0.3926	0.2813	0.5437	0.1730	0.6948	0.1349	0.8459	0.0976	-0.1728	0.2986	-0.4275	0.1822
0.1605	0.4284	0.3948	0.2817	0.5459	0.1728	0.6970	0.1334	0.8481	0.0901	-0.1813	0.3068	-0.4310	0.1778
0.1624	0.4284	0.3970	0.2828	0.5481	0.1683	0.6992	0.1218	0.8503	0.0887				
0.1643	0.4221	0.3992								-0.1899	0.2862	-0.4345	0.1741
			0.2728	0.5503	0.1682	0.7014	0.1253		0.0928	-0.1984	0.2688	-0.4380	0.1710
0.1663	0.4225	0.4015	0.2787	0.5526	0.1661			0.8548	0.0807	-0.2020	0.2426	-0.4416	0.1694
0.1682	0.4205	0.4037	0.2751	0.5548	0.1648	0.7059	0.1484	0.8570	0.0973	-0.2055	0.2110	-0.4451	0.1661
0.1701	0.4102	0.4059	0.2713	0.5570	0.1608	0.7081	0.1451		0.0848	-0.2090	0.1840	-0.4486	0.1626
0.1721	0.4236	0.4081	0.2702	0.5592	0.1561	0.7103	0.1375		0.0883	-0.2125		-0.4521	0.1611
0.1740	0.4222	0.4104	0.2711	0.5615	0.1570	0.7126					0.1538		
							0.1531		0.0957	-0.2161	0.1716	-0.4557	0.1563
0.1760	0.4196	0.4126	0.2622	0.5637	0.1545	0.7148	0.1370		0.0896	-0.2196	0.1749	-0.4592	0.1527
0.1779	0.4189	0.4148	0.2563	0.5659	0.1511	0.7170	0.1282	0.8681	0.0872	-0.2231	0.1781	-0.4627	0.1475
0.1798	0.4198	0.4170	0.2556	0.5681	0.1550	0.7192	0.1415	0.8703	0.1007	-0.2266	0.1897	-0.4662	0.1494
0.1818	0.4255	0.4192	0.2494	0.5703	0.1622		0.1254		0.0804	-0.2302	0.2133	-0.4698	0.1489
0.1837	0.4167	0.4215	0.2475	0.5726	0.1593						0.2133		
					0.1090		0.1253		0.0875	-0.2337	0.2510	-0.4733	0.1532
0.1856	0.4106	0.4237	0.2459	0.5748	0.1555		0.1339		0.0968		0.2742	-0.4768	0.1535
0.1876	0.4078	0.4259	0.2475	0.5770	0.1592	0.7281	0.1499	0.8792	0.1000	-0.2407	0.2764	-0.4803	0.1545
0.1895	0.4136	0.4281	0.2541	0.5792	0.1561	0.7303	0.1434	0.8814	0.0966	-0.2442	0.2690	-0.4839	0.1521
0.1915	0.4027	0.4304	0.2520	0.5815	0.1620		0.1278		0.0941		0.2697	-0.4874	0.1515
0.1934	0.4057	0.4326	0.2569	0.5837	0.1604		0.1389					-0.4909	
									0.0786		0.2498		0.1509
0.1953	0.3904	0.4348	0.2622	0.5859	0.1594		0.1274		0.0783		0.2502	-0.4944	0.1453
0.1973	0.3883		0.2525		0.1598		0.1321		0.0822	-0.2583	0.2528	-0.4979	0.1443
0.1992	0.3881		0.2544	0.5903	0.1655	0.7414	0.1198	0.8926	0.0800		0.2530	-0.5015	0.1399
0.2011	0.3812		0.2553		0.1561		0.1350		0.0672		0.2717	-0.5050	0.1372
0.2031	0.3744	0.4437	0.2500		0.1592		0.1200		0.0525			-0.5085	0.1385
0.2050	0.3674	0.4459	0.2451		0.1583		0.1322				0.2719		
									0.0505		0.2689		0.1400
0.2070	0.3658	0.4481	0.2492	0.5992	0.1634	0.7503	0.1240	0.9014	0.0483	-0.2760	0.2493	-0.5156	0.1361

				V.E.A.E.									
0.5101	0.1044	0.7140	0.0663	-0.9174	0.0615	0.1100	604.62	0.2461	666.38	0.4903	834.53	0.6414	836.79
-0.5191	0.1346	-0.7140											826.27
-0.5226	0.1374	-0.7170	0.0635	-0.9204	0.0630	0.1120	597.30	0.2493	666.91	0.4925	834.87	0.6436	
-0.5261	0.1391	-0.7200	0.0670	-0.9234	0.0583	0.1139	591.10	0.2525	668.10	0.4947	841.31	0.6458	851.67
									669.64	0.4970	837.40	0.6481	823.96
-0.5297	0.1384	-0.7230	0.0705	-0.9264	0.0541	0.1158	590.62	0.2557					
-0.5332	0.1364	-0.7259	0.0752	-0.9294	0.0568	0.1178	588.95	0.2589	675.01	0.4992	841.73	0.6503	810.93
					0.0587	0.1197	586.98	0.2621	676.68	0.5014	839.87	0.6525	809.11
-0.5367	0.1315	-0.7289	0.0713	-0.9324									
-0.5402	0.1328	-0.7319	0.0671	-0.9353	0.0563	0.1216	581.86	0.2653	682.06	0.5036	841.40	0.6547	813.37
-0.5438	0.1336	-0.7349	0.0654	-0.9383	0.0601	0.1236	581.91	0.2685	693.44	0.5059	841.38	0.6570	806.55
								0.2717	688.54	0.5081	845.55	0.6592	803.12
-0.5473	0.1294	-0.7379	0.0690	-0.9413	0.0585	0.1255	586.57						
-0.5508	0.1266	-0.7409	0.0725	-0.9443	0.0598	0.1275	591.53	0.2749	678.55	0.5103	841.65	0.6614	798.42
-0.5543		-0.7439	0.0686	-0.9473	0.0550	0.1294	599.31	0.2781	692.46	0.5125	848.93	0.6636	826.97
	0.1243											0.6658	819.10
-0.5579	0.1189	-0.7469	0.0677	-0.9503	0.0510	0.1313	610.17	0.2813	716.66	0.5147	855.62		
-0.5614	0.1168	-0.7499	0.0673	-0.9533	0.0509	0.1333	630.43	0.2845	750.71	0.5170	852.55	0.6681	835.74
				-0.9563	0.0497	0.1352	675.34	0.2877	736.67	0.5192	852.49	0.6703	808.76
-0.5649	0.1148	-0.7529	0.0662									0.6725	
-0.5684	0.1181	-0.7559	0.0653	-0.9593	0.0494	0.1371	646.14	0.2909	691.80	0.5214	857.67		790.36
-0.5719	0.1179	-0.7588	8660.0	-0.9623	0.0489	0.1391	629.06	0.2941	691.94	0.5236	862.02	0.6747	806.69
						-		0.2973	714.36	0.5259	864.33	0.6770	808.05
-0.5755	0.1257	-0.7618	0.0640	-0.9653	0.0478	0.1410	630.28			0.0207			
-0.5614	0.1054	-0.7648	0.0592	-0.9683	0.0494	0.1430	655.74	0.3005	722.22	0.5281	869.23	0.6792	786.05
-0.5644	0.1044	-0.7678	0.0626	-0.9712	0.0492	0.1449	747.66	0.3037	715.23	0.5303	867.89	0.6814	778.23
								0.3069	727.22	0.5325	869.72	0.6836	811.42
-0.5674	0.1079	-0.7708	0.0675	-0.9742	0.0501	0.1468	776.65						
-0.5704	0.1099	-0.7738	0.0667	-0.9772	0.0495	0.1488	763.93	0.3836	722.94	0.5347	877.44	0.6858	802.60
-0.5734	0.1069	-0.7768	0.0691	-0.9802	0.0541	0.1507	746.86	0.3859	729.38	0.5370	873.00	0.6881	799.26
								0.3881	729.56	0.5392	881.19	0.6903	815.94
-0.5764	0.1068	-0.7798	0.0718	-0.9832	0.0531	0.1526	734.00						
-0.5794	0.1103	-0.7828	0.0769	-0.9862	0.0512	0.1546	733.13	0.3903	734.44	0.5414	883.17	0.6925	797.79
-0.5823	0.1131	-0.7858	0.0845	-0.9892	0.0489	0.1565	731.57	0.3925	736.88	0.5436	891.77	0.6947	781.68
							713.48		733.92	0.5459	902.26	0.6970	774.98
-0.5853	0.1098	-0.7888	0.0815	-0.9922	0.0440	0.1585		0.3947					
-0.5883	0.1082	-0.7918	0.0732			0.1604	705.42	0.3970	732.91	0.5481	896.37	0.6992	811.38
-0.5913	0.1073	-0.7947	0.0624			0.1623	715.55	0.3992	737.21	0.5503	909.01	0.7014	809.10
				OACED	B.F.		725.08	0.4014	737.46	0.5525	916.40	0.7036	799.39
-0.5943	0.1060	-0.7977	0.0647	<u>CASE P</u>	<u> </u>	0.1643							778.53
-0.5973	0.1054	-0.8007	0.0660			0.1662	716.23	0.4036	742.77	0.5547	904.65	0.7058	
-0.6003	0.0996	-0.8037	0.0661	X/SL	Nu	0.1682	708.49	0.4059	740.47	0.5570	905.69	0.7081	766.56
	0.0929	-0.8067	0.0736	0.0383		0.1701	714.66	0.4081	742.68	0.5592	908.45	0.7103	781.72
-0.6033										0.5614	918.45	0.7125	806.16
-0.6063	0.0940	-0.8097	0.0752	0.0403	996.79	0.1720	719.75	0.4103	741.97				
-0.6093	0.0950	-0.8127	0.0748	0.0422	982.58	0.1740	717.07	0.4125	748.91	0.5636	914.87	0.7147	772.63
-0.6093 -0.6123	0.0950	-0.8127 -0.8157									914.87	0.7170	777.74
-0.6123	0.0993	-0.8157	0.0730	0.0441	978.08	0.1759	713.59	0.4147	750.91	0.5658	909.35	0.7170	777.74
-0.6123 -0.6153	0.0993 0.0991	-0.8157 -0.8187	0.0730 0.0772	0.0441 0.0461	978.08 926.64	0.1759 0.1778	713.59 719.65	0.4147 0.4170	750.91 763.21	0.5658 0.5681	909.35 911.89	0.7170 0.71 92	777.74 772.16
-0.6123	0.0993	-0.8157	0.0730	0.0441	978.08 926.64 907.42	0.1759 0.1778 0.1798	713.59 719.65 721.17	0.4147 0.4170 0.4192	750.91 763.21 770.70	0.5658 0.5681 0.5703	909.35 911.89 923.45	0.7170 0.7192 0.7214	777.74 772.16 767.04
-0.6123 -0.6153 -0.6182	0.0993 0.0991 0.0997	-0.8157 -0.8187 -0.8217	0.0730 0.0772 0.0847	0.0441 0.0461 0.0480	978.08 926.64 907.42	0.1759 0.1778	713.59 719.65	0.4147 0.4170	750.91 763.21	0.5658 0.5681	909.35 911.89 923.45 913.39	0.7170 0.7192 0.7214 0.7236	777.74 772.16 767.04 778.67
-0.6123 -0.6153 -0.6182 -0.6212	0.0993 0.0991 0.0997 0.1019	-0.8157 -0.8187 -0.8217 -0.8247	0.0730 0.0772 0.0847 0.0902	0.0441 0.0461 0.0480 0.0499	978.08 926.64 907.42 884.03	0.1759 0.1778 0.1798 0.1817	713.59 719.65 721.17 715.28	0.4147 0.4170 0.4192 0.4214	750.91 763.21 770.70 768.98	0.5658 0.5681 0.5703 0.5725	909.35 911.89 923.45	0.7170 0.7192 0.7214	777.74 772.16 767.04
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242	0.0993 0.0991 0.0997 0.1019 0.0993	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277	0.0730 0.0772 0.0847 0.0902 0.0883	0.0441 0.0461 0.0480 0.0499 0.0519	978.08 926.64 907.42 884.03 862.06	0.1759 0.1778 0.1798 0.1817 0.1837	713.59 719.65 721.17 715.28 721.56	0.4147 0.4170 0.4192 0.4214 0.4236	750.91 763.21 770.70 768.98 770.11	0.5658 0.5681 0.5703 0.5725 0.5747	909.35 911.89 923.45 913.39 913.48	0.7170 0.7192 0.7214 0.7236 0.7258	777.74 772.16 767.04 778.67 764.45
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6272	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8306	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538	978.08 926.64 907.42 884.03 862.06 841.99	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856	713.59 719.65 721.17 715.28 721.56 718.02	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259	750.91 763.21 770.70 768.98 770.11 777.85	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770	909.35 911.89 923.45 913.39 913.48 909.28	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281	777.74 772.16 767.04 778.67 764.45 763.15
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242	0.0993 0.0991 0.0997 0.1019 0.0993	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8306	0.0730 0.0772 0.0847 0.0902 0.0883	0.0441 0.0461 0.0480 0.0499 0.0519	978.08 926.64 907.42 884.03 862.06	0.1759 0.1778 0.1798 0.1817 0.1837	713.59 719.65 721.17 715.28 721.56 718.02 719.10	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281	750.91 763.21 770.70 768.98 770.11 777.85 779.53	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792	909.35 911.89 923.45 913.39 913.48 909.28 914.91	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303	777.74 772.16 767.04 778.67 764.45 763.15 811.88
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6272 -0.6302	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8306 -0.8336	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558	978.08 926.64 907.42 884.03 862.06 841.99 833.38	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875	713.59 719.65 721.17 715.28 721.56 718.02	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259	750.91 763.21 770.70 768.98 770.11 777.85	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770	909.35 911.89 923.45 913.39 913.48 909.28	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6272 -0.6302 -0.6332	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8306 -0.8336 -0.8366	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814	909.35 911.89 923.45 913.39 913.48 909.28 914.91	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303	777.74 772.16 767.04 778.67 764.45 763.15 811.88
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6272 -0.6302 -0.6332 -0.6362	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8306 -0.8336 -0.8366 -0.8396	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6272 -0.6302 -0.6332 -0.6362 -0.6392	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8306 -0.8336 -0.8366 -0.8396 -0.8426	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719 0.0714 0.0696	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 783.64	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6272 -0.6302 -0.6332 -0.6362	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8306 -0.8336 -0.8366 -0.8396	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5881	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6362 -0.6392 -0.6422	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8366 -0.8396 -0.8426 -0.8456	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719 0.0714 0.0696 0.0681	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 783.64 769.95	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933 0.1953	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6392 -0.6422 -0.6452	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8366 -0.8396 -0.8426 -0.8456 -0.8486	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719 0.0714 0.0696 0.0681 0.0645	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0557 0.0577 0.0596 0.0616 0.0635	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 783.64 769.95 757.14	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933 0.1953	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5858 0.5858 0.58581 0.5903	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6392 -0.6422 -0.6452 -0.6482	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8366 -0.8366 -0.8426 -0.8456 -0.8456 -0.8516	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719 0.0714 0.0696 0.0681 0.0645 0.0626	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 783.64 769.95 757.14 748.57	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1913 0.1953 0.1972 0.1992	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5858 0.5858 0.5881 0.5903 0.5925	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69 889.71	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6362 -0.6362 -0.6452 -0.6452 -0.6482 -0.6512	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896 0.0860	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8366 -0.8366 -0.8426 -0.8486 -0.8516 -0.8546	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719 0.0714 0.0696 0.0681 0.0645 0.0626 0.0632	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 783.64 769.95 757.14 748.57 728.82	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1953 0.1972 0.1992	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5858 0.5903 0.5925 0.5947	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69 889.71 878.11	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6392 -0.6422 -0.6452 -0.6482	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8366 -0.8366 -0.8426 -0.8456 -0.8456 -0.8516	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719 0.0714 0.0696 0.0681 0.0645 0.0626	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 769.95 757.14 748.57 728.82 724.68	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1972 0.1992 0.2011 0.2030	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 716.29	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29 791.66	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5888 0.5903 0.5925 0.5947 0.5970	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69 889.71 878.11 886.05	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16 758.73
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6302 -0.6362 -0.6362 -0.6452 -0.6452 -0.6482 -0.6512 -0.6541	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896 0.0860 0.0835	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8366 -0.8426 -0.8426 -0.8486 -0.8516 -0.8546 -0.8576	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719 0.0714 0.0696 0.0681 0.0645 0.0626 0.0632 0.0607	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 769.95 757.14 748.57 728.82 724.68	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1972 0.1992 0.2011 0.2030	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 716.29	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5858 0.5858 0.5903 0.5925 0.5947	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69 889.71 878.11	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6272 -0.6302 -0.6362 -0.6362 -0.6452 -0.6452 -0.6452 -0.6512 -0.6571	0.0993 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896 0.0860 0.0835 0.0809	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8366 -0.8366 -0.8426 -0.8456 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0714 0.0696 0.0681 0.0645 0.0626 0.0632 0.0607 0.0631	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 769.95 757.14 748.57 728.82 724.68 717.49	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 716.29 711.20	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29 791.66 805.17	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5888 0.58881 0.5903 0.5925 0.5947 0.5970	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69 889.71 878.11 886.05 886.80	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16 758.73 750.55
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6272 -0.6302 -0.6362 -0.6362 -0.6452 -0.6452 -0.6512 -0.6571 -0.6571	0.0993 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896 0.0860 0.0835 0.0809	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8366 -0.8426 -0.8426 -0.8456 -0.8516 -0.8546 -0.8576 -0.8636	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0714 0.0696 0.0681 0.0645 0.0626 0.0632 0.0607 0.0631 0.0644	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 769.95 757.14 748.57 728.82 724.68 717.49 708.39	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 716.29 711.20 711.99	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4459 0.4481 0.4503	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29 791.66 805.17 805.96	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5881 0.5881 0.5925 0.5947 0.5970 0.5992 0.6014	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69 889.71 878.11 886.05 886.80 870.20	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7481 0.7503 0.7525	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16 758.73 750.55 729.49
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6272 -0.6302 -0.6362 -0.6362 -0.6452 -0.6452 -0.6452 -0.6512 -0.6571	0.0993 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896 0.0860 0.0835 0.0809	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8366 -0.8366 -0.8426 -0.8456 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0714 0.0696 0.0681 0.0645 0.0626 0.0632 0.0607 0.0631	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 769.95 757.14 748.57 728.82 724.68 717.49	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 716.29 711.20 711.99 708.62	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4459 0.4459 0.4459	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29 791.66 805.17 805.96 800.70	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5881 0.5925 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69 889.71 878.11 886.05 886.80 870.20 863.99	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7547	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16 758.73 750.55 729.49 737.87
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6362 -0.6452 -0.6452 -0.6452 -0.6511 -0.6571 -0.6601 -0.6631	0.0993 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896 0.0860 0.0835 0.0809	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8306 -0.8336 -0.8366 -0.8426 -0.8456 -0.8486 -0.8576 -0.8576 -0.8636 -0.8636 -0.8636	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719 0.0645 0.0645 0.0626 0.0632 0.0607 0.0631 0.0644 0.0610	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 769.95 757.14 748.57 728.82 724.68 717.49 708.39 698.23	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 716.29 711.20 711.99	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4459 0.4481 0.4503	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29 791.66 805.17 805.96 800.70 802.46	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5881 0.5881 0.5925 0.5947 0.5970 0.5992 0.6014	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69 889.71 878.11 886.05 886.80 870.20 863.99 860.21	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7458 0.7458 0.7458 0.7503 0.7525 0.7547	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16 758.73 750.55 729.49 737.87 733.65
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6362 -0.6422 -0.6452 -0.64512 -0.6571 -0.6601 -0.6631 -0.6661	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896 0.0835 0.0809 0.0831 0.0802 0.0818	-0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8306 -0.8336 -0.8396 -0.8426 -0.8456 -0.8456 -0.8576 -0.8576 -0.8605 -0.8665 -0.8695	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0743 0.0719 0.0714 0.0696 0.0645 0.0645 0.0632 0.0607 0.0631 0.0644 0.0610 0.0637	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0771	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 783.64 769.95 757.14 748.57 728.82 724.68 717.49 708.39 698.23 696.90	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1914 0.1933 0.1953 0.1972 0.1992 0.2011 0.2030 0.2050 0.2069 0.2088 0.2108	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 716.29 711.20 711.99 708.62 706.73	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4459 0.4459 0.4459 0.4503 0.4525 0.4547	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29 791.66 805.17 805.96 800.70 802.46	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5836 0.5881 0.5903 0.5925 0.5947 0.5970 0.5970 0.6036 0.6058	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.21 896.81 903.63 901.69 889.71 878.11 886.05 886.80 870.20 863.99 860.21	0.7170 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7458 0.7458 0.7458 0.7503 0.7525 0.7547	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16 758.73 750.55 729.49 737.87
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-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6362 -0.6422 -0.6452 -0.6451 -0.6571 -0.6601 -0.6631 -0.6661 -0.6661	0.0993 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0973 0.0922 0.0919 0.0911 0.0896 0.0835 0.0809 0.0831 0.0802 0.0818 0.0895	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8356 -0.8456 -0.8456 -0.8516 -0.8546 -0.8576 -0.8636 -0.8635 -0.8655 -0.8695 -0.8755 -0.8755 -0.8785	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0714 0.0719 0.0714 0.0696 0.0681 0.0645 0.0632 0.0607 0.0631 0.0644 0.0610 0.0637 0.0674 0.0651 0.0606	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0771 0.0790 0.0810 0.0829 0.0848	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 769.95 757.14 748.57 728.82 724.68 717.49 708.39 696.90 686.24 680.59 673.08	0.1759 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1895 0.1914 0.1933 0.1953 0.1972 0.2011 0.2030 0.2050 0.2069 0.2088 0.2127 0.2147 0.2166	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 711.20 711.99 708.62 706.73 703.36 698.66 697.57	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4325 0.4347 0.4370 0.4392 0.4414 0.4436 0.4459 0.44503 0.4525 0.4570 0.4592 0.4614	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29 791.66 805.17 805.96 800.70 802.46 812.02 815.64 820.94	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5858 0.5858 0.5903 0.5925 0.5947 0.5992 0.6014 0.6036 0.6036 0.6038 0.6081 0.6103 0.6125	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.81 903.63 901.69 889.71 878.11 886.05 886.80 870.20 863.99 862.14 858.83	0.7170 0.7172 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16 758.73 750.55 729.49 737.87 733.65 768.23 753.42 721.31
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-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6392 -0.6452 -0.6452 -0.6511 -0.6571 -0.6631 -0.6651 -0.6721 -0.6721 -0.6781 -0.6841 -0.6841 -0.6871 -0.6900 -0.6930 -0.6930 -0.7020 -0.7050 -0.7080	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0971 0.0896 0.0835 0.0809 0.0831 0.0802 0.0818 0.0854 0.0825 0.0834 0.0754 0.0754 0.0754 0.0758 0.0754 0.0758 0.0742 0.0648 0.0648	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8336 -0.8456 -0.8456 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606 -0.8635 -0.8695 -0.8755 -0.8755 -0.8755 -0.8755 -0.8905 -0.8905 -0.8905 -0.9054 -0.9054 -0.9084 -0.9084 -0.9084 -0.9084 -0.9084	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0714 0.0696 0.0681 0.0645 0.0632 0.0607 0.0631 0.0644 0.0610 0.0637 0.0651 0.0652 0.0564 0.0551 0.0524 0.0553 0.0553 0.0553 0.0553 0.0651 0.0611	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0596 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0711 0.0771 0.0771 0.0790 0.0810 0.0829 0.0848 0.0868 0.0926 0.0926 0.0945 0.0926 0.1003 0.1003 0.1003 0.1023 0.1042 0.1061	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 769.95 757.14 748.57 728.82 724.68 717.49 708.39 698.23 696.24 680.59 673.08 664.32 659.20 654.65 647.66 642.57 628.05 622.20 612.85 609.08	0.1759 0.1778 0.1778 0.1877 0.1837 0.1856 0.1875 0.1895 0.1972 0.1992 0.2011 0.2030 0.2050 0.2069 0.2088 0.2127 0.2147 0.2166 0.2185 0.2205 0.2224 0.2243 0.2263 0.2302 0.2334 0.2366 0.2398	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 711.29 708.62 706.73 703.36 698.66 697.57 696.90 693.66 688.94 683.15 677.42 670.73 670.22 670.03 669.97	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4303 0.4370 0.4370 0.4372 0.4414 0.4436 0.4459 0.4450 0.4503 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4747 0.4770 0.4792 0.4814 0.4836 0.4859	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.53 795.74 792.88 792.29 791.66 800.70 802.46 812.02 815.64 820.94 816.11 813.95 823.41 821.40 824.14 826.75 833.19 825.96 831.43 838.02	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5858 0.5858 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6103 0.6125 0.6147 0.6170 0.6192 0.6214 0.6236 0.6258 0.6325 0.6325 0.6347 0.6370	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.81 903.63 901.69 889.71 878.11 886.05 886.80 870.20 863.99 862.14 858.83 851.20 850.19 852.69 863.64 842.32 845.41 858.19 843.04 846.02 842.13 836.20	0.7170 0.7172 0.7192 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7451 0.7503 0.7525 0.7547 0.7570 0.7592 0.7614 0.7636 0.7658 0.7681 0.7703 0.7725 0.7747 0.7770 0.7792 0.7747 0.77792 0.7814 0.7836 0.7858 0.7858	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16 758.73 750.55 729.49 737.87 733.65 768.23 753.42 721.31 740.62 744.67 732.62 714.61 727.19 721.93 714.20 709.38 710.31 718.99
-0.6123 -0.6153 -0.6182 -0.6212 -0.6242 -0.6302 -0.6332 -0.6392 -0.6452 -0.6452 -0.6511 -0.6561 -0.6661 -0.6691 -0.6721 -0.6841 -0.6871 -0.6841 -0.6871 -0.6900 -0.6930 -0.6930 -0.6990 -0.7020 -0.7050	0.0993 0.0991 0.0997 0.1019 0.0993 0.0973 0.0963 0.0974 0.0971 0.0896 0.0860 0.0835 0.0809 0.0831 0.0895 0.0854 0.0768 0.0825 0.0834 0.0754 0.0754 0.0777 0.0746 0.0758 0.0748 0.0758	-0.8157 -0.8187 -0.8217 -0.8247 -0.8306 -0.8336 -0.8336 -0.8456 -0.8456 -0.8456 -0.8516 -0.8546 -0.8576 -0.8636 -0.8635 -0.8695 -0.8725 -0.8755 -0.8755 -0.8755 -0.8905 -0.8905 -0.8905 -0.9054 -0.9084	0.0730 0.0772 0.0847 0.0902 0.0883 0.0799 0.0714 0.0696 0.0681 0.0645 0.0632 0.0607 0.0631 0.0644 0.0610 0.0637 0.0651 0.0652 0.0564 0.0551 0.0520 0.05524 0.0553 0.0553 0.0553	0.0441 0.0461 0.0480 0.0499 0.0519 0.0538 0.0558 0.0577 0.0696 0.0616 0.0635 0.0654 0.0674 0.0693 0.0713 0.0732 0.0751 0.0771 0.0790 0.0810 0.0829 0.0848 0.0868 0.0945 0.0945 0.0945 0.0964 0.1003 0.1023 0.1023 0.1042	978.08 926.64 907.42 884.03 862.06 841.99 833.38 815.65 798.43 769.95 757.14 748.57 728.82 724.68 717.49 708.39 698.23 696.24 680.59 673.08 664.32 659.20 654.65 647.66 642.57 636.27 628.05 624.27 628.05 624.27 628.05 624.27 628.05	0.1759 0.1778 0.1778 0.1817 0.1837 0.1856 0.1875 0.1895 0.1993 0.1953 0.1953 0.2050 0.2069 0.2069 0.2088 0.2127 0.2147 0.2166 0.2185 0.2205 0.2224 0.2243 0.2263 0.2302 0.2302 0.2302 0.2334 0.2366	713.59 719.65 721.17 715.28 721.56 718.02 719.10 714.20 723.09 728.27 724.44 723.82 722.85 722.06 711.29 708.62 706.73 703.36 698.66 697.57 696.90 693.66 688.94 683.15 677.54 677.54 677.74 670.22 670.03	0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4370 0.4372 0.4370 0.4372 0.4414 0.4436 0.4459 0.4450 0.4525 0.4547 0.4570 0.4592 0.4614 0.4636 0.4659 0.4681 0.4703 0.4725 0.4747 0.4770 0.4792 0.4814 0.4836	750.91 763.21 770.70 768.98 770.11 777.85 779.53 781.01 777.10 782.87 792.53 795.74 792.88 792.29 791.66 805.17 805.96 800.70 802.46 812.02 815.64 820.94 816.11 813.95 823.41 821.40 824.14 826.75 833.19 823.65 831.43	0.5658 0.5681 0.5703 0.5725 0.5747 0.5770 0.5792 0.5814 0.5858 0.5858 0.5903 0.5925 0.5947 0.5970 0.5992 0.6014 0.6036 0.6058 0.6103 0.6125 0.6147 0.6170 0.6192 0.6214 0.6236 0.6258 0.6325 0.6325 0.6347	909.35 911.89 923.45 913.39 913.48 909.28 914.91 909.02 896.81 903.63 901.69 889.71 878.11 886.05 886.80 870.20 863.99 862.14 858.83 851.20 850.19 852.69 863.64 842.32 845.41 858.19 843.04 846.02 842.13 836.20	0.7170 0.7172 0.7214 0.7236 0.7258 0.7281 0.7303 0.7325 0.7347 0.7370 0.7392 0.7414 0.7436 0.7458 0.7458 0.7503 0.7525 0.7547 0.7592 0.7614 0.7636 0.7658 0.7658 0.7681 0.7703 0.7725 0.7774 0.7775 0.77770 0.7792 0.77814 0.7836 0.7858	777.74 772.16 767.04 778.67 764.45 763.15 811.88 776.08 751.36 760.44 777.28 745.11 743.99 751.16 758.73 750.55 729.49 737.87 733.65 768.23 753.42 721.31 740.62 744.61 727.19 721.93 714.20 709.38 710.31

0.7925	716.43	0.9436	851.24	-0.3253	475.98	-0.5734	398.63	-0.7768	393.85	-0.9803	561.73	0.1508	0.3084
0.7947	7 717.76	0.9458	867.49	-0.3289		-0.5764				-0.9833		0.1527	0.3069
0.7969	719.65	0.9481	877.02	-0.3324	449.21	-0.5794			395.58	-0.9863		0.1546	0.3173
0.7992	702.78	0.9503	886.32	-0.3359	445.56	-0.5824			395.77	-0.9892		0.1566	0.3321
0.8014		0.9525	890.00	-0.3394	445.77	-0.5854			394.65	-0.9922		0.1585	0.3220
0.8036	707.08	0.9547	906.13	-0.3430	459.06	-0.5884			393.63	0.7722	Q71.27	0.1605	0.3201
0.8058		0.9569	934.77	-0.3465	445.22	-0.5914			393.55			0.1624	0.3428
0.8081		0.9592	941.11	-0.3500	445.75	-0.5944			393.98	CASE	P_n	0.1643	0.3620
0.8103		******		-0.3535	446.15	-0.5974		-0.8008	394.65	VAUL	<u>. r 11</u>	0.1663	0.3524
0.8125		X/PL	Nu	-0.3571	446.07	-0.6003		-0.8038	395.06	X/SL	_	0.1682	0.3429
0.8147			1341.18	-0.3606	458.47	-0.6033		-0.8068	396.96	0.0384	η 0.5002	0.1701	0.3579
0.8169			1262.40	-0.3641	446.32	-0.6063		-0.8098	397.18	0.0403	0.4613	0.1721	0.3686
0.8192			1157.24	-0.3676	444.07	-0.6093		-0.8127	397.00	0.0422	0.4604	0.1740	0.3611
0.8214			1020.50	-0.3711	444.95	-0.6123		-0.8157	395.69	0.0442	0.4308	0.1760	0.3692
0.8236		-0.0445	922.78	-0.3747	444.87	-0.6153		-0.8187	396.32	0.0461	0.4796	0.1779	0.3793
0.8258		-0.0531	826.71	-0.3782	438.11	-0.6183		-0.8217	397.08	0.0481	0.3941	0.1798	0.3777
0.8281		-0.0616	779.12	-0.3817	443.31	-0.6213		-0.8247	398.30	0.0500	0.3224	0.1770	0.3731
0.8303		-0.0702	699.57	-0.3852	441.40	-0.6243		-0.8277	399.72	0.0519	0.2754	0.1837	0.3861
0.8325		-0.0787	633.01	-0.3888	441.77	-0.6273	408.38	-0.8307	400.60	0.0539	0.2400	0.1856	0.3921
0.8347		-0.0873	592.05	-0.3923	441.31	-0.6303	407.98	-0.8337	400.72	0.0558	0.2318	0.1876	0.3905
0.8369		-0.0958	547.35	-0.3958	439.86	-0.6333	407.69	-0.8367	401.63	0.0577	0.2184	0.1895	0.3841
0.8392		-0.1044	539.27	-0.3993	441.45	-0.6362		-0.8397	402.19	0.0597	0.2153	0.1915	0.3914
0.8414		-0.1130	496.39	-0.4029	441.68	-0.6392	408.17	-0.8427	403.26	0.0616	0.1992	0.1934	0.3988
0.8436		-0.1215	468.93	-0.4064	439.85	-0.6422	406.76	-0.8457	404.35	0.0636	0.1973	0.1953	0.3944
0.8458		-0.1301	459.31	-0.4099	439.50	-0.6452	407.32	-0.8486	404.70	0.0655	0.1913	0.1973	0.4048
0.8481	679.06	-0.1386	454.01	-0.4134	434,44	-0.6482	408.50	-0.8516	405.04	0.0674	0.2001	0.1992	0.4087
0.8503		-0.1472	450.73	-0.4170	434.78	-0.6512	407.73	-0.8546	405.91	0.0694	0.1796	0.2011	0.4056
0.8525		-0.1557	467.74	-0.4205	441.24	-0.6542	407.71	-0.8576	406.89	0.0713	0.1949	0.2031	0.4047
0.8547		-0.1643	482.04	-0.4240	440.18	-0.6572	408.10	-0.8606	408.27	0.0732	0.2044	0.2050	0.4061
0.8569	682.50	-0.1728	477.22	-0.4275	435.88	-0.6602	407.43	-0.8636	409.73	0.0752	0.1986	0.2070	0.4115
0.8592	675.32	-0.1814	519.62	-0.4310	437.25	-0.6632	407.04	-0.8666	411.09	0.0771	0.1928	0.2089	0.4036
0.8614	674.60	-0.1899	540.57	-0.4346	443.22	-0.6662	407.44	-0.8696	412.86	0.0791	0.2039	0.2108	0.4082
0.8636	689.07	-0.1985	468.18	-0.4381	443.63	-0.6692	411.19	-0.8726	414.79	0.0810	0.1999	0.2128	0.4041
0.8658	682.93	-0.2020	501.96	-0.4416	444.55	-0.6721	407.81	-0.8756	416.49	0.0829	0.2121	0.2147	0.3971
0.8681	682.98	-0.2055	454.37	-0.4451	441.10	-0.6751	407.43	-0.8786	417.31	0.0849	0.2066	0.2166	0.4059
0.8703	691.26	-0.2091	498.42	-0.4487	441.65	-0.6781	408.79	-0.8816	419.08	0.0868	0.1992	0.2186	0.4065
0.8725	686.42	-0.2126	519.61	-0.4522	430.04	-0.6811	407.86	-0.8845	421.86	0.0888	0.2076	0.2205	0.4086
0.8747	684.08	-0.2161	521.59	-0.4557	431.20	-0.6841	406.98	-0.8875	424.33	0.0907	0.2166	0.2225	0.4017
0.8769	681.23	-0.2196	532.32	-0.4592	429.93	-0.6871	406.10	-0.8905	425.95	0.0926	0.2180	0.2244	0.4029
0.8792	687.20	-0.2232	543.09	-0.4628	422.34	-0.6901	407.18	-0.8935	428.68	0.0946	0.2204	0.2263	0.4009
0.8814	688.04	-0.2267	535.12	-0.4663	416.72	-0.6931	407.46	-0.8965	431.06	0.0965	0.2217	0.2283	0.3991
0.8836	689.04	-0.2302	495.20	-0.4698	426.97	-0.6961	406.70	-0.8995	433.61	0.0984	0.2144	0.2302	0.3990
0.8858	690.71	-0.2337	468.61	-0.4733	431.93	-0.6991	406.22	-0.9025	436.98	0.1004	0.2162	0.2302	0.3965
0.8881	688.81	-0.2372	469.16	-0.4769	437.07	-0.7021	402.91	-0.9055	440.40	0.1023	0.2234	0.2334	0.3911
0.8903	695.29	-0.2408	489.41	-0.4804	408.29	-0.7051	401.84	-0.9085	444.76	0.1043	0.2169	0.2366	0.3885
0.8925	697.29	-0.2443	479.96	-0.4839	416.72	-0.7080	401.29	-0.9115	447.86	0.1062	0.2162	0.2398	0.3854
0.8947 0.8969	702.86	-0.2478		-0.4874		-0.7110		-0.9145		0.1081		0.2430	
0.8992	710.51	-0.2513	515.35		410.28	-0.7140	401.17	-0.9174	454.60	0.1101	0.2235		0.3761
0.9914	729.87	-0.2549	506.41	-0.4945	411.38	-0.7170	399.56	-0.9204	459.19	0.1120	0.2289	0.2494	0.3749
0.9014	722.10	-0.2584	514.60	-0.4980	415.56	-0.7200	398.89	-0.9234	462.70	0.1139	0.2222		0.3775
0.9058	741.80 732.37	-0.2619	503.45	-0.5015	419.54	-0.7230	398.89	-0.9264	466.66	0.1159	0.2257		0.3817
0.9081	734.35	-0.2654 -0.2690	495.66	-0.5050 -0.5086	419.80 403.73	-0.7260 -0.7290	399.77	-0.9294	470.40	0.1178	0.2256		0.3863
0.9103	738.09		499.03	-0.5121	396.24		398.69	-0.9324	474.99	0.1198	0.2254		0.3862
0.9125	739.77	-0.2725	489.33			-0.7320	395.83	-0.9354	478.46	0.1217	0.2202		0.3974
0.9123	746.74	-0.2760	469.38	-0.5156 -0.5191	406.68 389.93	-0.7350 -0.7380	395.65 396.98	-0.9384 -0.9414	483.85	0.1236	0.2182		0.4139
0.9169	752.75	-0.2795	479.08	-0.5227	410.92	-0.7360 -0.7409	398.10	-0.9414	487.59	0.1256	0.2324		0.4057
0.9192	764.23	-0.2831 -0.2866	469.04 479.96			-0.7439	398.39	-0.9444 -0.9474	493.01 496.41	0.1275	0.2387		0.4157 0.4558
0.9214	766.23	-0.2901	469.45	-0.5297		-0.7469	396.20	-0.9504		0.1294	0.2481		
0.9236	771.07	-0.2901 -0.2936	496.81	-0.5332	416.01	-0.7409	394.72	-0.9533	500.54 506.21	0.1314	0.2628		0.4938 0.5184
0.9258	784.46	-0.2936 -0.2971	492.75	-0.5352 -0.5495	395.53	-0.7529	394.72 394.10	-0.9563	509.85	0.1333	0.2755		0.5184
0.9281	786.82	-0.2971	484.39	-0.5495 -0.5525	396.34	-0.7559	393.57	-0.9593 -0.9593	515.65	0.1353	0.3400		0.4897
0.9303	796.05		458.52	-0.5555 -0.5555		-0.7589	393.58	-0.9593 -0.9623	520.77	0.1372	0.3362		0.4697
0.9325	801.01	-0.3042 -0.3077	462.59	-0.5585	396.32	-0.7619	393.34	-0.9623 -0.9653	526.65	0.1391	0.3367		0.5372
0.9347	811.27		465.04			-0.7649	392.68		533.39	0.1411 0.1430	0.3245 0.3203		0.5508
0.9369	821.44		491.09		397.27	-0.7679	392.46		539.24	0.1430	0.3203		0.5220
0.9392	831.14		452.01			-0.7 0 79	392.75		546.64	0.1449	0.3139		0.4400
0.9414	846.29		451.22	-0.5704		-0.7739	393.33		553.62	0.1489	0.3272		0.3769
		0.0210	-V 1.22		_ , , , , , , , , , , , , , , , , , , ,	J, 0,	3.0.00	0.,,,0	300.02	J. 1400	J.00/7	J.0007	3.07.07

Append	1X 7.2	dia ioi o	parimise	, worago									
								ř	574.				
		0.5070	0.0700	0.4001	0.1000	0.0000	0.1553		0.3031	0.4040	0.2290	-0.6512	0.1203
0.3859	0.3846	0.5370		0.6881	0.1809	0.8392		-0.1471		-0.4240			
0.3881	0.3902	0.5392	0.2788	0.6903	0.1972	0.8414	0.1501	-0.1 5 57	0.2675	-0.4275	0.2380	-0.6541	0.1227
0.3904	0.3904	0.5415	0.2704	0.6926	0.1859	0.8437	0.1411	-0.1642	0.3083	-0.4310	0.2320	-0.6571	0.1194
		0.5437	0.2691	0.6948	0.1746	0.8459	0.1452	-0.1728	0.2574	-0.4345	0.2370	-0.6601	0.1222
0.3926	0.3897									-0.4380			0.1236
0.3948	0.3847	0.5459	0.2674	0.6970	0.1749	0.8481	0.1384	-0.1813	0.2934		0.2280	-0.6631	
0.3970	0.3802	0.5481	0.2637	0.6992	0.1932	0.8503	0.1413	-0.1899	0.2943	-0.4416	0.2260	-0.6661	0.1270
0.3992	0.3791	0.5503	0.2580	0.7014	0.1920	0.8526	0.1383	-0.1984	0.2529	-0.4451	0.2300	-0.6691	0.1360
						0.8548	0.1335	-0.2020	0.2499	-0.4486	0.2290	-0.6721	0.1284
0.4015	0.3743	0.5526	0.2671	0.7037	0.1817								
0.4037	0.3698	0.5548	0.2598	0.7059	0.1682	0.8570	0.1413	-0.2055	0.1896	-0.4521	0.2250	-0.6751	0.1279
0.4059	0.3637	0.5570	0.2540	0.7081	0.1674	0.8592	0.1427	-0.2090	0.1809	-0.4557	0.2240	-0.6781	0.1301
0.4081	0.3665	0.5592	0.2443	0.7103	0.1857	0.8614	0.1331	-0.2125	0.2088	-0.4592	0.2200	-0.6811	0.1253
										-0.4627	0.2189	-0.6841	0.1207
0.4104	0.3616	0.5615	0.2550	0.7126	0.1933	0.8637	0.1349	-0.2161	0.2170				
0.4126	0.3546	0.5637	0.2526	0.7148	0.1710	0.8659	0.1321	-0.2196	0.1982	-0.4662	0.2242	-0.6871	0.1141
0.4148	0.3359	0.5659	0.2375	0.7170	0.1767	0.8681	0.1314	-0.2231	0.2336	-0.4698	0.2239	-0.6900	0.1206
	0.3339	0.5681	0.2348	0.7192	0.1781	0.8703	0.1295	-0.2266	0.1911	-0.4733	0.2237	-0.6930	0.1215
0.4170			0.2540						0.2150	-0.4768	0.2175	-0.6960	0.1188
0.4192	0.3380	0.5703	0.2396	0.7214	0.1734	0.8726	0.1281	-0.2302					
0.4215	0.3315	0.5726	0.2456	0.7237	0.1790	0.8748	0.1276	-0.2337	0.1972	-0.4803	0.2120	-0.6990	0.1169
0.4237	0.3421	0.5748	0.2406	0.7259	0.1742	0.8770	0.1303	-0.2372	0.2552	-0.4839	0.2010	-0.7020	0.1085
0.4259	0.3497	0.5770	0.2321	0.7281	0.1754	0.8792	0.1324	-0.2407	0.2795	-0.4874	0.1864	-0.7050	0.1066
										-0.4909	0.1935	-0.7080	0.1120
0.4281	0.3472	0.5792	0.2338	0.7303	0.1996	0.8814	0.1285	-0.2442	0.3015				
0.4304	0.3353	0.5815	0.2388	0.7326	0.1756	0.8837	0.1264	-0.2478	0.2769	-0.4944	0.1897	-0.7110	0.1160
0.4326	0.3413	0.5837	0.2267	0.7348	0.1540	0.8859	0.1305	-0.2513	0.2406	-0.4979	0.1979	-0.7140	0.1113
	0.3426	0.5859	0.2159	0.7370	0.1704	0.8881	0.1269	-0.2548	0.2483	-0.5015	0.2117	-0.7170	0.1111
0.4348												-0.7200	0.1134
0.4370	0.3403	0.5881	0.2280	0.7392	0.1757	0.8903	0.1240	-0.2583	0.3300	-0.5050	0.2101		
0.4392	0.3349	0.5903	0.2253	0.7414	0.1655	0.8926	0.1233	-0.2619	0.2900	-0.5085	0.2038	-0.7230	0.1146
0.4415	0.3372	0.5926	0.2195	0.7437	0.1663	0.8948	0.1295	-0.2654	0.3000	-0.5120	0.2009	-0.7259	0.1175
		0.5948	0.2074	0.7459	0.1739	0.8970	0.1351	-0.2760	0.3010	-0.5156	0.2031	-0.7289	0.1216
0.4437	0.3546											-0.7319	0.1116
0.4459	0.3429	0.5970	0.2123	0.7481	0.1745	0.8992	0.1293	-0.2795	0.3040	-0.5191	0.1886		
0.4481	0.3467	0.5992	0.2215	0.7503	0.1636	0.9014	0.1177	-0.2830	0.3000	-0.5226	0.1980	-0.7349	0.1075
0.4503	0.3511	0.6015	0.2138	0.7526	0.1471	0.9037	0.1179	-0.2865	0.3000	-0.5261	0.2027	-0.7379	0.1100
	0.3496	0.6037	0.2066	0.7548	0.1553	0.9059	0.1020	-0.2901	0.2901	-0.5297	0.2124	-0.7409	0.1128
0.4526						0.7007			0.2943	-0.5332	0.2059	-0.7439	0.1130
0.4548	0.3559	0.6059	0.1976	0.7570	0.1574	0.9081	0.1079	-0.2936					
0.4570	0.3557	0.6081	0.2024	0.7592	0.1869	0.9103	0.1137	-0.2971	0.3003	-0.5367	0.1963	-0.7469	0.1141
0.4592	0.3487	0.6103	0.1968	0.7614	0.1680	0.9126	0.1113	-0.3006	0.2918	-0.5402	0.1785	-0.7499	0.1110
0.4615	0.3566	0.6126	0.2012	0.7637	0.1559	0.9148	0.1107	-0.3041	0.2950	-0.5438	0.1798	-0.7529	0.1142
							0.1084	-0.3077	0.2930	-0.5473	0.1812	-0.7559	0.1095
0.4637	0.3555	0.6148	0.2142	0.7659	0.1519	0.9170							
0.4659	0.3489	0.6170	0.1901	0.7681	0.1738	0.9192	0.1163	-0.3112	0.2960	-0.5508	0.1801	-0.7588	0.1162
0.4681	0.3533	0.6192	0.1791	0.7703	0.1848	0.9214	0.1106	-0.3147	0.2880	-0.5543	0.1725	-0.7618	0.1113
0.4703	0.3543	0.6215	0.1859	0.7726	0.1697	0.9237	0.1095	-0.3182	0.2900	-0.5579	0.1700	-0.7648	0.1134
							0.1169	-0.3218	0.2830	-0.5614	0.1659	-0.7678	0.1126
0.4726	0.3487	0.6237	0.1863	0.7748	0.1488	0.9259				-0.5014			
0.4748	0.3417	0.6259	0.1704	0.7770	0.1627	0.9281	0.1125	-0.3253	0.2830	-0.5649	0.1681	-0.7708	0.1120
0.4770	0.3358	0.6281	0.1882	0.7792	0.1624	0.9303	0.1130	-0.3288	0.2800	-0.5684	0.1807	-0.7738	0.1241
0.4792	0.3311	0.6303	0.1773	0.7814	0.1581	0.9325	0.1134	-0.3323	0.2740	-0.5719	0.1672	-0.7768	0.1264
		0.6326	0.1874	0.7837	0.1513	0.9348	0.1125	-0.3359	0.2770	-0.5755	0.1698	-0.7798	0.1198
0.4815	0.3392	0.0320									0.1600	-0.7828	0.1200
0.4837	0.3311		0.1947	0.7859	0.1538	0.9370	0.1123	-0.3394	0.2700	-0.5794			
0.4859	0.3285	0.6370	0.1906	0.7881	0.1613	0.9392	0.1133	-0.3429	0.2650	-0.5823		-0.7858	
0.4881	0.3209		0.1843	0.7903	0.1691	0.9414	0.1112	-0.3464	0.2800	-0.5853	0.1577	-0.7888	0.1250
0.4903	0.3157	0.6415	0.1938	0.7926	0.1645	0.9437	0.1023	-0.3500	0.2690	-0.5883	0.1557	-0.7918	0.1171
							0.1033		0.2650	-0.5913	0.1515	-0.7947	0.1172
0.4926	0.3154	0.6437	0.1794	0.7948	0.1555	0.9459		-0.3535					0.1237
0.4948	0.3195	0.6459	0.1992	0.7970	0.1530	0.9481	0.1075	-0.3570	0.2620	-0.5943	0.1517	-0.7977	
0.4970	0.3174	0.6481	0.1748	0.7992	0.1614	0.9503	0.1029	-0.3605	0.2720	-0.5973	0.145]	-0.8007	0.1249
0.4992	0.3103	0.6503	0.1737	0.8014	0.1600	0.9525	0.1021	-0.3640	0.2620	-0.6003	0.1449	-0.8037	0.1283
0.5015			0.1756	0.8037	0.1623	0.9548	0.1027	-0.3676	0.2550	-0.6033	0.1411	-0.8067	0.1294
	0.3073	0.6526								-0.6063	0.1468	-0.8097	0.1228
0.5037	0.2980	0.6548	0.1683	0.8059	0.1675	0.9570	0.1028	-0.3711	0.2600				
0.5059	0.2975	0.6570	0.1611	0.8081	0.1548	0.9592	0.1009	-0.3746	0.2530	-0.6093	0.1424	-0.8127	0.1258
0.5081	0.2985	0.6592	0.1730	0.8103	0.1604			-0.3781	0.2520	-0.6123	0.1397	-0.8157	0.1266
	0.2927	0.6615	0.1724	0.8126	0.1503	X/PL	η	-0.3817	0.2500	-0.6153	0.1436	-0.8187	0.1269
0.5103					0.1412		0.4497	-0.3852	0.2460	-0.6182	0.1459	-0.8217	0.1297
0.5126	0.2973	0.6637	0.1865	0.8148		-0.0530		0.0002					
0.5148	0.2971	0.6659	0.1829	0.8170	0.1437	-0.0616	0.4296	-0.3887	0.2500	-0.6212	0.1464	-0.8247	0.1306
0.5170	0.2870	0.6681	0.1956	0.8192	0.1614	-0.0701	0.4073	-0.3922	0.2450	-0.6242	0.1456	-0.8277	0.1296
0.5192	0.2907	0.6703	0.1858	0.8214	0.1609	-0.0787	0.3804	-0.3958	0.2400	-0.6272	0.1451	-0.8306	0.1268
			0.1666	0.8237	0.1413	-0.0872	0.3788	-0.3993	0.2400	-0.6302	0.1411	-0.8336	0.1299
0.5215	0.2919	0.6726								-0.6332	0.1383	-0.8366	0.1345
0.5237	0.2845	0.6748	0.1766	0.8259	0.1621	-0.0958	0.3294	-0.4028	0.2380				
0.5259	0.2818	0.6770	0.1816	0.8281	0.1546	-0.1044	0.3166	-0.4063	0.2400	-0.6362	0.1406	-0.8396	0.1350
0.5281	0.2809	0.6792	0.1721	0.8303	0.1486	-0.1129	0.2906	-0.4099	0.2350	-0.6392	0.1336	-0.8426	0.1345
0.5303	0.2821	0.6814	0.1649	0.8326		-0.1215	0.2834	-0.4134	0.2330	-0.6422	0.1295	-0.8456	0.1354
								-0.4169	0.2330	-0.6452	0.1313	-0.8486	0.1305
0.5326	0.2755	0.6837	0.1835		0.1500	-0.1300	0.2941						0.1299
0.5348	0.2770	0.6859	0.1864	0.8370	0.1383	-0.1386	0.3066	-0.4204	0.2300	-0.0462	0.1329	-0.8516	0.1299

-0.8546 0.1270 -0.8576 0.1266										
	0.0694	929.51	0.2011	779.68	0.4436 914.25	0.5947 1034.63	0.7458	840.98	0.8969	855.69
	0.0713	918.09	0.2030	757.57						
							0.7481	854.11	0.8992	
-0.8606 0.1278	0.0732	906.19	0.2050	760,23	0.4481 914.74	0.5992 1032.43	0.7503	845.77	0.9014	866.64
-0.8636 0.1318	0.0752	892.69	0.2069	770.88	0.4503 912.00	0.6014 1017.90	0.7525	843.36	0.9036	
	0.0771	874.02								
-0.8665 0.1313			0.2088	758.43	0.4525 910.99		0.7547	837.79	0.9058	881.38
-0.8695 0.1288	0.0791	867.09	0.2108	736.84	0.4547 913.77	0.6058 1005.06	0.7570	839.83	0.9081	884.78
-0.8725 0.1344	0.0810	850.09	0.2127	744.18	0.4570 918.82		0.7592	827.67	0.9103	884.53
-0.8755 0.1292	0.0829	840.63		724.42						
-0.6755 0.1292			0.2147		0.4592 917.12	0.6103 1002.60	0.7614	833.61	0.9125	
-0.8785 0.1191	0.0849	826.98	0.2166	714.88	0.4614 920.46	0.6125 992.39	0.7636	838.66	0.9147	907.17
-0.8815 0.1196	0.0868	816.85	0.2185	712.93	0.4636 919.07	0.6147 993.41	0.7658	830.33	0.9169	909.92
	0.0888	803.65		711.70						
			0.2205			0.6170 1002.15	0.7681	830.76	0.9192	922.77
-0.8875 0.1214	0.0907	791.46	0.2224	703.66	0.4681 921.56	0.6192 1002.84	0.7703	845.76	0.9214	935.91
-0.8905 0.1189	0.0926	787.58	0.2243	703.88	0.4703 919.56	0.6214 1010.22	0.7725	821.24	0.9236	934.81
-0.8935 0.1236	0.0946	781.75	0.2263	685.36	0.4725 929.46	0.6236 999.11	0.7747			
								830.68	0.9258	952.49
-0.8965 0.1251	0.0965	768.52	0.2282	684.46	0.4747 929.11	0.6258 994.64	0.7770	835.10	0.9281	950.51
-0.8995 0.1270	0.0984	759.11	0.2302	683.28	0.4770 939.93	0.6281 1009.37	0.7792	827.10	0.9303	961.25
-0.9024 0.1287	0.1003	747.37	0.2302	677.51	0.4792 934.90	0.6303 991.77	0.7814	815.86	0.9325	968.92
-0.9054 0.1292	0.1023	739.83	0.2334	677.12	0.4814 934.28	0.6325 974.20	0.7836	813.45	0.9347	986.00
-0.9084 0.1299	0.1042	728.73	0.2366	677.45	0.4836 939.89	0.6347 989.52	0.7858	823.55	0.9369	999.84
-0.9114 0.1321	0.1061	725.20	0.2398	680.19	0.4859 948.99	0.6370 990.01	0.7881	841.35		1007.61
-0.9144 0.1322	0.1081	724.12	0.2430	690.04	0.4881 952.05	0.6392 975.29	0.7903	823.00		1028.89
-0.9174 0.1359	0.1100	717.52	0.2461	697.27	0.4903 952.40	0.6414 973.70	0.7925	808.13	0.9436	1056.84
-0.9204 0.1416	0.1120	707.69	0.2493	697.09	0.4925 954.01	0.6436 986.60	0.7947	822.91	0.0458	1071.02
-0.9234 0.1384	0.1139	703.42	0.2525							1090.53
				700.15	0.4947 960.21	0.6458 981.81	0.7969	834.09		
-0.9264 0.1352	0.1158	706.66	0.2557	704.11	0.4970 958.36	0.6481 963.57	0.7992	815.76	0.9503	1087.66
-0.9294 0.1334	0.1178	712.21	0.2589	710.25	0.4992 957.49	0.6503 956.78	0.8014	827.30	0.9525	1103.40
-0.9324 0.1360	0.1197	701.68	0.2621	718.22	0.5014 963.07	0.6525 966.34	0.8036	810.42		1117.31
-0.9353 0.1337	0.1216	689.43	0.2653	718.62	0.5036 964.96	0.6547 948.55	0.8058	815.89	0.9569	1150.01
-0.9383 0.1314	0.1236	685.74	0.2685	719.11	0.5059 961.74	0.6570 964.43	0.8081	815.76	0.9592	1159.26
-0.9413 0.1239	0.1255	686.57	0.2717	725.19	0.5081 962.77	0.6592 942.32	0.8103	805.88		
-0.9443 0.1238	0.1275	695.58	0.2749	728.74	0.5103 960.92	0.6614 933.76	0.8125	820.27	X/PL	Nu
-0.9473 0.1252	0.1294	702.48	0.2781	728.41	0.5125 973.70	0.6636 945.53	0.8147	815.12	-0.0103	1071.24
-0.9503 0.1206	0.1313	704.20	0.2813	736.03	0.5147 976.77	0.6658 936.28	0.8169	832.58		1027.62
-0.9533 0.1209	0.1333	708.54	0.2845	739.21		0.6681 949.26	0.8192			
								812.54	-0.0274	988.54
-0.9563 0.1144	0.1352	723.33	0.2877	752.43	0.5192 983.87	0.6703 941.08	0.8214	806.39	-0.0359	905.79
-0.9593 0.1137	0.1371	750.21	0.2909	773.30	0.5214 981.64	0.6725 941.49	0.8236	809.93	0.0445	004 11
						U.U/ZJ 741.49	U.0230		-1111/2/20	0/0.11
									-0.0445	826.11
-0.9623 0.1133	0.1391	802.21	0.2941	727.69	0.5236 991.62	0.6747 961.39	0.8258	815.28	-0.0530	782.70
-0.9623 0.1133 -0.9653 0.1162	0.1391 0.1410	802.21 747.20	0.2941 0.2973	727.69 735.23	0.5236 991.62 0.5259 994.41	0.6747 961.39 0.6770 935.48	0.8258 0.8281			
-0.9623 0.1133 -0.9653 0.1162	0.1391 0.1410	802.21 747.20	0.2941 0.2973	727.69 735.23	0.5236 991.62 0.5259 994.41	0.6747 961.39 0.6770 935.48	0.8258 0.8281	815.28 813.00	-0.0530 -0.0616	782.70 744.57
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152	0.1391 0.1410 0.1430	802.21 747.20 724.58	0.2941 0.2973 0.3005	727.69 735.23 763.56	0.5236 991.62 0.5259 994.41 0.5281 996.00	0.6747 961.39 0.6770 935.48 0.6792 927.16	0.8258 0.8281 0.8303	815.28 813.00 800.99	-0.0530 -0.0616 -0.0701	782.70 744.57 700.10
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080	0.1391 0.1410 0.1430 0.1449	802.21 747.20 724.58 722.89	0.2941 0.2973 0.3005 0.3037	727.69 735.23 763.56 732.40	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02	0.8258 0.8281 0.8303 0.8325	815.28 813.00 800.99 822.44	-0.0530 -0.0616 -0.0701 -0.0787	782.70 744.57 700.10 660.72
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010	0.1391 0.1410 0.1430 0.1449 0.1468	802.21 747.20 724.58 722.89 751.17	0.2941 0.2973 0.3005 0.3037 0.3069	727.69 735.23 763.56 732.40 741.75	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66	0.8258 0.8281 0.8303 0.8325 0.8347	815.28 813.00 800.99 822.44 828.82	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872	782.70 744.57 700.10 660.72 623.34
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080	0.1391 0.1410 0.1430 0.1449	802.21 747.20 724.58 722.89	0.2941 0.2973 0.3005 0.3037	727.69 735.23 763.56 732.40	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02	0.8258 0.8281 0.8303 0.8325	815.28 813.00 800.99 822.44	-0.0530 -0.0616 -0.0701 -0.0787	782.70 744.57 700.10 660.72
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975	0.1391 0.1410 0.1430 0.1449 0.1468 0.1488	802.21 747.20 724.58 722.89 751.17 852.94	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836	727.69 735.23 763.56 732.40 741.75 883.77	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369	815.28 813.00 800.99 822.44 828.82 811.52	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959	782.70 744.57 700.10 660.72 623.34 584.07
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011	0.1391 0.1410 0.1430 0.1449 0.1468 0.1488 0.1507	802.21 747.20 724.58 722.89 751.17 852.94 883.26	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859	727.69 735.23 763.56 732.40 741.75 883.77 878.68	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392	815.28 813.00 800.99 822.44 828.82 811.52 810.60	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044	782.70 744.57 700.10 660.72 623.34 584.07 553.41
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983	0.1391 0.1410 0.1430 0.1449 0.1468 0.1488 0.1507 0.1526	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011	0.1391 0.1410 0.1430 0.1449 0.1468 0.1488 0.1507 0.1526 0.1546	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983	0.1391 0.1410 0.1430 0.1449 0.1468 0.1488 0.1507 0.1526	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0898	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1585	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458 0.8458	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0898	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1585 0.1604	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458 0.8481 0.8503	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386 -0.1472	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14 459.96
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9842 0.0898 -0.9922 0.0806	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1565 0.1604 0.1623	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20 0.5503 1049.96	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458 0.8481 0.8503 0.8525	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9842 0.0898 -0.9922 0.0806	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1565 0.1604 0.1623	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20 0.5503 1049.96	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458 0.8481 0.8503 0.8525	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14 459.96 445.47
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0898	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1565 0.1604 0.1623 0.1643	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56 843.84	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35 882.25	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20 0.5503 1049.96 0.5525 1048.01	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05 0.7036 897.68	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458 0.8481 0.8503 0.8525 0.8547	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42 822.42	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1386 -0.1472 -0.1557 -0.1643	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14 459.96 445.47 438.12
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-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0898 -0.9922 0.0806	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1565 0.1604 0.1623 0.1643 0.1662	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56 843.84 838.69	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014 0.4036 0.4059	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35 882.25 880.51 886.04	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5459 1037.10 0.5503 1049.96 0.5525 1048.01 0.5547 1044.93 0.5570 1052.24	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05 0.7036 897.68 0.7058 883.84 0.7081 883.22	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458 0.8458 0.8503 0.8525 0.8547 0.8569	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42 822.42 814.97 820.19	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14 459.96 445.47 438.12 433.14
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0898 -0.9922 0.0806 CASE Q - Nu X/SL Nu 0.0384 1246.52	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1664 0.1623 0.1643 0.1662 0.1682 0.1701	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 882.35 881.56 843.84 838.69 826.29 828.07	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014 0.4036 0.4059 0.4081	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35 882.25 880.51 886.04 886.91	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5459 1037.20 0.5503 1049.96 0.5525 1048.01 0.5547 1044.93 0.5570 1052.24 0.5592 1060.21	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05 0.7036 897.68 0.7058 883.84 0.7081 883.22 0.7103 881.33	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42 822.42 814.97 820.19 812.53	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14 459.96 445.47 438.12 433.14 434.62 450.74
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0898 -0.9922 0.0806 CASE Q - Nu X/SL Nu 0.0384 1246.52 0.0403 1295.13	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1565 0.1664 0.1623 0.1643 0.1662 0.1682 0.1701 0.1720	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56 843.84 838.69 826.29 826.29 828.07 817.66	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014 0.4036 0.4059 0.4081 0.4103	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35 882.25 880.51 886.04 886.91 887.48	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20 0.5503 1049.96 0.5525 1048.01 0.5547 1044.93 0.5570 1052.24 0.5592 1060.21 0.5614 1061.52	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05 0.7036 897.68 0.7058 883.84 0.7081 883.22 0.7103 881.33 0.7125 889.53	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42 822.42 814.97 820.19 812.53 817.91	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14 459.96 445.47 438.12 433.14 434.62 450.74 437.27
-0.9623	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1665 0.1662 0.1643 0.1662 0.1682 0.1701 0.1720 0.1740	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56 843.84 838.69 826.29 826.29 826.29 826.25	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3992 0.4014 0.4036 0.4059 0.4081 0.4103 0.4125	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35 882.25 880.51 886.04 886.91 887.48 895.23	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20 0.5503 1049.96 0.5525 1048.01 0.5547 1044.93 0.5570 1052.24 0.5592 1060.21 0.5614 1061.52 0.5636 1057.00	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6970 883.83 0.6970 895.05 0.7014 895.05 0.7036 897.68 0.7058 883.84 0.7081 883.22 0.7103 881.33 0.7125 889.53 0.7147 877.98	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8436 0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42 822.42 814.97 820.19 812.53 817.91 815.59	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14 459.96 445.47 438.12 433.14 434.62 450.74 437.27 393.16
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0898 -0.9922 0.0806 CASE Q - Nu X/SL Nu 0.0384 1246.52 0.0403 1295.13	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1565 0.1664 0.1623 0.1643 0.1662 0.1682 0.1701 0.1720	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56 843.84 838.69 826.29 826.29 828.07 817.66	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014 0.4036 0.4059 0.4081 0.4103	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35 882.25 880.51 886.91 886.94 887.48 895.23 898.58	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20 0.5503 1049.96 0.5525 1048.01 0.5547 1044.93 0.5570 1052.24 0.5592 1060.21 0.5614 1061.52 0.5636 1057.00 0.5658 1055.20	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05 0.7036 897.68 0.7058 883.84 0.7081 883.22 0.7103 881.33 0.7125 889.53	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8458 0.8458 0.8503 0.8525 0.8547 0.8569 0.8569 0.8592 0.8614 0.8636 0.8658	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42 822.42 814.97 820.19 812.53 817.91	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1889 -0.1985 -0.2020 -0.2055	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14 459.96 445.47 438.12 433.14 434.62 450.74 437.27
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0806 -0.9922 0.0806 -0.9922 0.0806 -0.9922 0.0806 -0.9922 0.0806	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1664 0.1663 0.1662 0.1643 0.1662 0.1701 0.1720 0.1740 0.1759	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56 843.84 838.69 826.29 826.29 826.25 826.25 828.48	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3992 0.4014 0.4036 0.4059 0.4081 0.4103 0.4125 0.4147	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35 882.25 880.51 886.04 886.91 887.48 895.23	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20 0.5503 1049.96 0.5525 1048.01 0.5547 1044.93 0.5570 1052.24 0.5592 1060.21 0.5614 1061.52 0.5636 1057.00	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05 0.7036 897.68 0.7058 883.84 0.7081 883.22 0.7103 881.33 0.7125 889.53 0.7147 877.98 0.7170 867.74	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8392 0.8414 0.8458 0.8458 0.8503 0.8525 0.8547 0.8569 0.8569 0.8592 0.8614 0.8636 0.8658	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42 822.42 814.97 820.19 812.53 817.91 815.59 826.25	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1889 -0.1985 -0.2020 -0.2055	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 482.33 467.14 459.96 445.47 438.12 433.14 434.62 450.74 437.27 393.16 379.99
-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0898 -0.9922 0.0806 CASE Q - Nu X/SL Nu 0.0384 1246.52 0.0403 1295.13 0.0422 1163.57 0.0442 1098.31 0.0461 1111.67	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1546 0.1565 0.1565 0.1604 0.1623 0.1643 0.1662 0.1682 0.17701 0.1720 0.1740 0.1759 0.1778	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56 843.84 838.69 826.29 828.07 817.66 826.25 828.48 839.54	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014 0.4036 0.4059 0.4081 0.4125 0.4147 0.4170	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35 882.25 880.51 886.04 886.04 886.91 887.48 895.23 898.58 907.94	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20 0.5503 1049.96 0.5525 1048.01 0.5547 1044.93 0.5570 1052.24 0.5592 1060.21 0.5614 1061.52 0.5636 1057.00 0.5658 1055.20 0.5681 1064.02	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05 0.7036 897.68 0.7058 883.84 0.7081 883.22 0.7103 881.33 0.7125 889.53 0.7147 877.98 0.7170 867.74 0.7192 864.94	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8436 0.8458 0.8458 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658 0.8681 0.8703	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42 822.42 814.97 820.19 812.53 817.91 815.59 826.25 839.87	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020 -0.2055 -0.2091	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 467.14 459.96 445.47 438.12 433.14 434.62 450.74 437.27 393.16 379.99 370.47
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-0.9623 0.1133 -0.9653 0.1162 -0.9683 0.1152 -0.9712 0.1080 -0.9742 0.1010 -0.9772 0.0975 -0.9802 0.1011 -0.9832 0.0983 -0.9862 0.1011 -0.9892 0.0898 -0.9922 0.0806 CASE Q - Nu X/SL Nu 0.0384 1246.52 0.0403 1295.13 0.0422 1163.57 0.0442 1098.31 0.0461 1111.67 0.0481 1097.14 0.0500 1050.62 0.0519 1041.08 0.0539 1028.82 0.0558 1025.45 0.0577 1026.89 0.0597 1015.26 0.0616 992.16 0.0636 979.79	0.1391 0.1410 0.1430 0.1449 0.1468 0.1507 0.1526 0.1526 0.1546 0.1565 0.1604 0.1623 0.1643 0.1662 0.1740 0.1759 0.1778 0.1778 0.1798 0.1817 0.1837 0.1856 0.1875 0.1875 0.1914 0.1933 0.1953	802.21 747.20 724.58 722.89 751.17 852.94 883.26 891.00 872.84 876.18 889.25 882.35 851.56 843.84 838.69 826.29 828.07 817.66 826.25 828.48 839.54 823.89 833.91 816.63 794.85 793.48 787.47 829.14 828.85 791.50	0.2941 0.2973 0.3005 0.3037 0.3069 0.3836 0.3859 0.3881 0.3903 0.3925 0.3947 0.3970 0.3992 0.4014 0.4036 0.4059 0.4081 0.4103 0.4125 0.4147 0.4170 0.4192 0.4214 0.4236 0.4259 0.4281 0.4325 0.4325 0.4347 0.4370	727.69 735.23 763.56 732.40 741.75 883.77 878.68 874.40 879.21 890.88 887.95 891.46 890.35 882.25 880.51 886.04 886.04 886.91 887.48 895.23 898.58 907.94 907.31 912.18 909.21 909.34 907.44 916.83 911.71 906.81 917.02	0.5236 991.62 0.5259 994.41 0.5281 996.00 0.5303 1005.54 0.5325 1006.69 0.5347 1010.65 0.5370 1012.53 0.5392 1012.54 0.5414 1018.01 0.5436 1025.75 0.5459 1037.16 0.5481 1037.20 0.5503 1049.96 0.5525 1048.01 0.5547 1044.93 0.5570 1052.24 0.5592 1060.21 0.5614 1061.52 0.5636 1057.00 0.5658 1055.20 0.5681 1064.02 0.5703 1069.40 0.5725 1058.61 0.5747 1058.70 0.5770 1062.35 0.5792 1058.14 0.5814 1052.21 0.5836 1052.24 0.5838 1048.99 0.5881 1046.51	0.6747 961.39 0.6770 935.48 0.6792 927.16 0.6814 914.02 0.6836 924.66 0.6858 922.03 0.6881 917.39 0.6903 929.11 0.6925 910.41 0.6947 900.26 0.6970 883.83 0.6992 905.12 0.7014 895.05 0.7036 887.68 0.7058 883.84 0.7058 883.84 0.7058 883.84 0.7058 883.84 0.7058 883.82 0.7103 881.33 0.7125 889.53 0.7147 877.98 0.7170 867.74 0.7192 864.94 0.7214 870.99 0.7236 888.21 0.7258 888.68 0.7281 871.31 0.7325 871.46 0.7347 879.13 0.7370 857.29 0.7392 872.11	0.8258 0.8281 0.8303 0.8325 0.8347 0.8369 0.8436 0.8458 0.8458 0.8458 0.8503 0.8525 0.8547 0.8569 0.8569 0.8568 0.8681 0.8703 0.8725 0.8747 0.8769 0.8792 0.8814 0.8858 0.8881 0.8858	815.28 813.00 800.99 822.44 828.82 811.52 810.60 821.82 824.58 822.69 809.63 813.03 808.42 822.42 814.97 820.19 812.53 817.59 812.53 817.59 826.25 839.87 845.03 833.88 834.61 843.32 834.37 847.81 841.73 843.59	-0.0530 -0.0616 -0.0701 -0.0787 -0.0872 -0.0959 -0.1044 -0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1889 -0.1985 -0.2020 -0.2055 -0.20161 -0.2126 -0.2126 -0.2132 -0.2237 -0.2372 -0.2372 -0.2372 -0.2408	782.70 744.57 700.10 660.72 623.34 584.07 553.41 525.94 496.53 467.14 459.96 445.47 438.12 433.14 434.62 450.74 437.27 393.16 379.99 370.47 379.41 376.89 364.61 379.58 391.23 403.45 412.78 431.88 443.28
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								3.	254				
0.0510	470.01	0.4047	494.51	-0.6901	439.69	-0.8935	467.69	0.0946	0.2505	0.2263	0.2992	0.4726	0.2644
-0.2513	479.91	-0.4867	436.51					0.0965	0.2457	0.2283	0.2986	0.4748	0.2657
-0.2549	490.75	-0.4897	432.95	-0.6931	441.73	-0.8965	468.92						0.2623
-0.2584	497.27	-0.4927	436.88	-0.6961	441.72	-0.8995	471.54	0.0984	0.2520	0.2302	0.2990	0.4770	
		-0.4956	434.11	-0.6991	441.42	-0.9025	473.16	0.1004	0.2489	0.2302	0.2972	0.4792	0.2586
-0.2619	508.46							0.1023	0.2504	0.2334	0.2959	0.4815	0.2591
-0.2654	501.86	-0.4986	433.70	-0.7021	439.82	-0.9055	474.46						
-0.2690	493.15	-0.5016	434.87	-0.7051	437.31	-0.9085	475.95	0.1043	0.2433	0.2366	0.2929	0.4837	0.2520
- '		-0.5046	435.01	-0.7080	436.09	-0.9115	478.98	0.1062	0.2461	0.2398	0.2887	0.4859	0.2551
-0.2725	486.20								0.2477	0.2430	0.2947	0.4881	0.2565
-0.2760	474.80	-0.5076	438.20	-0.7110	433.20	-0.9145	483.22	0.1081					
-0.2795	464.15	-0.5106	438.44	-0.7140	431.33	-0.9174	487.29	0.1101	0.2473	0.2462	0.2952	0.4903	0.2569
				-0.7170	429.90	-0.9204	492.31	0.1120	0.2354	0.2494	0.2941	0.4926	0.2540
-0.2831	475.01	-0.5136	433.71						0.2423	0.2526	0.2972	0.4948	0.2565
-0.2866	480.97	-0.5166	438.57	-0.7200	431.13	-0.9234	498.41	0.1139					
-0.2901	475.35	-0.5196	442.82	-0.7230	432.16	-0.9264	504.97	0.1159	0.2535	0.2558	0.2995	0.4970	0.2540
			437.47	-0.7260	430.71	-0.9294	511.00	0.1178	0.2564	0.2590	0.2983	0.4992	0.2491
-0.2936	478.25	-0.5226						0.1198	0.2503	0.2622	0.3032	0.5015	0.2482
-0.2971	475.24	-0.5256	436.40	-0.7290	430.53	-0.9324	517.43						
-0.3007	474.72	-0.5286	436.37	-0.7320	431.45	-0.9354	522.70	0.1217	0.2430	0.2654	0.3084	0.5037	0.2457
		-0.5315	434.00	-0.7350	429.27	-0.9384	527.65	0.1236	0.2419	0.2686	0.3117	0.5059	0.2425
-0.3042	474.91							0.1256	0.2375	0.2718	0.3190	0.5081	0.2412
-0.3077	473.65	-0.5345	437.41	-0.7380	427.66	-0.9414	535.11						
-0.3112	470.97	-0.5375	437.66	-0.7409	427.78	-0.9444	540.61	0.1275	0.2399	0.2750	0.3226	0.5103	0.2344
	469.66	-0.5405	440.93	-0.7439	427.16	-0.9474	549.91	0.1294	0.2444	0.2782	0.3387	0.5126	0.2385
-0.3148							558.70	0.1314	0.2504	0.2814	0.3818	0.5148	0.2340
-0.3183	468.70	-0.5435	439.38	-0.7469	426.96	-0.9504							0.2398
-0.3218	469.11	-0.5465	441.82	-0.7499	429.62	-0.9533	569.63	0.1333	0.2541	0.2846	0.4092	0.5170	
-0.3253	468.57	-0.5495	447.67	-0.7529	425.86	-0.9563	577.01	0.1353	0.2592	0.2878	0.4110	0.5192	0.2388
						-0.9593	579.57	0.1372	0.2756	0.2910	0.3849	0.5215	0.2342
-0.3289	465.15	-0.5525	447.16	-0.7559	425.60								0.2278
-0.3324	463.76	-0.5555	447.06	-0.7589	423.89	-0.9623	581.06	0.1391	0.3278	0.2942	0.3630	0.5237	
-0.3359	463.33	-0.5585	442.27	-0.7619	421.87	-0.9653	586.16	0.1411	0.3299	0.2974	0.3809	0.5259	0.2321
					421.95	-0.9683	596.09	0.1430	0.3170	0.3006	0.3785	0.5281	0.2269
-0.3394	465.06	-0.5615	441.78	-0.7649							0.3896	0.5303	0.2322
-0.3430	463.90	-0.5645	443.58	-0.7679	422.48	-0.9713	607.25	0.1449	0.3108	0.3038			
-0.3465	462.29	-0.5674	444.58	-0.7709	424.55	-0.9743	611.42	0.1469	0.2975	0.3069	0.3790	0.5326	0.2244
				-0.7739	426.01	-0.9773	617.01	0.1488	0.2875	0.3837	0.3431	0.5348	0.2284
-0.3500	462.98	-0.5704	442.79							0.3859	0.3439	0.5370	0.2289
-0.3535	463.05	-0.5734	446.10	-0.7768	425.32	-0.9803	624.17	0.1508	0.2879				
-0.3571	461.34	-0.5764	440.17	-0.7798	424.68	-0.9833	628.85	0.1527	0.2997	0.3881	0.3471	0.5392	0.2228
		-0.5794	437.06	-0.7828	422.67	-0.9863	636.94	0.1546	0.2895	0.3904	0.3476	0.5415	0.2246
-0.3606	462.01				422.07				0.2802	0.3926	0.3576	0.5437	0.2243
-0.3641	461.40	-0.5824	441.52	-0.7858	422.73	-0.9892	647.04	0.1566					
-D 3676	457.00		436.76	-0.7888		-0.9922	659.39	0.1585	0.2976	0.3948	0.3501	0.5459	0.2308
-0.3676	457.00	-0.5854	436.76	-0.7888 0.7018	423.17	-0.9922	659.39					0.5459 0.5481	0.2308
-0.3711	457.24	-0.5854 -0.5884	435.93	-0.7918	423.17 422.72	-0.9922	659.39	0.1605	0.3018	0.3970	0.3498	0.5481	0.2234
		-0.5854		-0.7918 -0.7948	423.17 422.72 423.83			0.1605 0.1624	0.3018 0.2899	0.3970 0.3992	0.3498 0.3392	0.5481 0.5503	0.2234 0.2224
-0.3711 -0.3747	457.24 460.04	-0.5854 -0.5884 -0.5914	435.93 436.58	-0.7918	423.17 422.72 423.83			0.1605	0.3018 0.2899 0.2860	0.3970 0.3992 0.4015	0.3498 0.3392 0.3268	0.5481 0.5503 0.5526	0.2234 0.2224 0.2209
-0.3711 -0.3747 -0.3782	457.24 460.04 459.95	-0.5854 -0.5884 -0.5914 -0.5944	435.93 436.58 438.15	-0.7918 -0.7948 -0.7978	423.17 422.72 423.83 423.22	-0.9922 <u>CASE</u>		0.1605 0.1624 0.1643	0.3018 0.2899 0.2860	0.3970 0.3992	0.3498 0.3392 0.3268	0.5481 0.5503	0.2234 0.2224
-0.3711 -0.3747 -0.3782 -0.3817	457.24 460.04 459.95 455.11	-0.5854 -0.5884 -0.5914 -0.5944 -0.5974	435.93 436.58 438.15 437.10	-0.7918 -0.7948 -0.7978 -0.8008	423.17 422.72 423.83 423.22 424.06	CASE	<u>Q – η</u>	0.1605 0.1624 0.1643 0.1663	0.3018 0.2899 0.2860 0.2770	0.3970 0.3992 0.4015 0.4037	0.3498 0.3392 0.3268 0.3264	0.5481 0.5503 0.5526 0.5548	0.2234 0.2224 0.2209 0.2207
-0.3711 -0.3747 -0.3782	457.24 460.04 459.95	-0.5854 -0.5884 -0.5914 -0.5944 -0.5974 -0.6003	435.93 436.58 438.15 437.10 434.84	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038	423.17 422.72 423.83 423.22 424.06 423.58	CASE X/SL	<u>Q — п</u> П	0.1605 0.1624 0.1643 0.1663 0.1682	0.3018 0.2899 0.2860 0.2770 0.2739	0.3970 0.3992 0.4015 0.4037 0.4059	0.3498 0.3392 0.3268 0.3264 0.3337	0.5481 0.5503 0.5526 0.5548 0.5570	0.2234 0.2224 0.2209 0.2207 0.2169
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852	457.24 460.04 459.95 455.11 456.05	-0.5854 -0.5884 -0.5914 -0.5944 -0.5974 -0.6003	435.93 436.58 438.15 437.10	-0.7918 -0.7948 -0.7978 -0.8008	423.17 422.72 423.83 423.22 424.06	CASE	<u>Q – η</u>	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888	457.24 460.04 459.95 455.11 456.05 452.50	-0.5854 -0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033	435.93 436.58 438.15 437.10 434.84 437.35	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068	423.17 422.72 423.83 423.22 424.06 423.58 424.26	CASE X/SL 0.0384	<u>Q = η</u> η 0.3650	0.1605 0.1624 0.1643 0.1663 0.1682	0.3018 0.2899 0.2860 0.2770 0.2739	0.3970 0.3992 0.4015 0.4037 0.4059	0.3498 0.3392 0.3268 0.3264 0.3337	0.5481 0.5503 0.5526 0.5548 0.5570	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923	457.24 460.04 459.95 455.11 456.05 452.50 450.71	-0.5854 -0.5884 -0.5914 -0.5944 -0.5974 -0.6003 -0.6033 -0.6063	435.93 436.58 438.15 437.10 434.84 437.35 439.33	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82	CASE X/SL 0.0384 0.0403	Q - η η 0.3650 0.2422	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923 -0.3958	457.24 460.04 459.95 455.11 456.05 452.50	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6093	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21	CASE X/SL 0.0384 0.0403 0.0422	Q – п п 0.3650 0.2422 0.2361	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2161
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923 -0.3958	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6093	435.93 436.58 438.15 437.10 434.84 437.35 439.33	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82	CASE X/SL 0.0384 0.0403	Q – η 0.3650 0.2422 0.2361 0.2451	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1760	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108 0.3066	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2161 0.2056
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923 -0.3958 -0.3993	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6093 -0.6123	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57	CASE X/SL 0.0384 0.0403 0.0422 0.0442	Q – η 0.3650 0.2422 0.2361 0.2451	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2161 0.2056 0.2075
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3923 -0.3958 -0.3993 -0.4029	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461	q - η 0.3650 0.2422 0.2361 0.2451 0.2003	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1760 0.1779	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108 0.3066 0.3051	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2161 0.2056
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3923 -0.3958 -0.3993 -0.4029 -0.4064	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91 451.20	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187 -0.8217	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.90	CASE	Q = η η 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1760 0.1779 0.1798	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108 0.3066 0.3051 0.3021	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2161 0.2056 0.2075 0.2149
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3923 -0.3958 -0.3993 -0.4029	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.90 430.20	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0481 0.0500	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1760 0.1779 0.1798 0.1818	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4215	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108 0.3066 0.3051 0.3021 0.3061	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2161 0.2056 0.2075 0.2149 0.2090
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3923 -0.3923 -0.3958 -0.3993 -0.4029 -0.4064 -0.4099	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91 451.20 452.33	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.90 430.20	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0481 0.0500	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1760 0.1779 0.1798 0.1818 0.1837	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4215 0.4237	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3061 0.3061 0.3034	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726 0.5748	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2056 0.2075 0.2149 0.2090 0.2039
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3923 -0.3958 -0.3958 -0.3993 -0.4029 -0.4064 -0.4099 -0.4134	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91 451.20 452.33 451.85	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.90 430.20 431.33	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1760 0.1779 0.1798 0.1818 0.1837	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4215 0.4237	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108 0.3066 0.3051 0.3021 0.3061	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3923 -0.3958 -0.3958 -0.3993 -0.4029 -0.4064 -0.4099 -0.4134 -0.4170	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.93 451.93 451.85 451.85	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6273	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.90 431.33 432.00	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4215 0.4237 0.4259	0.3498 0.3392 0.3268 0.3264 0.3337 0.3164 0.3108 0.3066 0.3051 0.3021 0.3061 0.3034 0.2999	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726 0.5748 0.5770	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923 -0.3993 -0.4029 -0.4064 -0.4099 -0.4134 -0.4170 -0.4205	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.93 451.93 451.85 451.85 451.51 448.62	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8337	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.67 430.20 431.33 432.00 432.81	X/SL 0.0384 0.0403 0.0422 0.0441 0.0461 0.0500 0.0519 0.0539 0.0558	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1769 0.1779 0.1818 0.1837 0.1856 0.1876	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837 0.2815	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4215 0.4237 0.4259 0.4281	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3051 0.3021 0.3034 0.2999 0.2953	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5726 0.5748 0.5770 0.5792	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3923 -0.3958 -0.3958 -0.3993 -0.4029 -0.4064 -0.4099 -0.4134 -0.4170	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.93 451.93 451.85 451.85	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6213 -0.6273 -0.6303 -0.6303 -0.6333	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8337 -0.8367	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.67 430.20 431.33 432.00 432.81 433.18	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1760 0.1779 0.1818 0.1837 0.1856 0.1876 0.1895	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837 0.2815 0.2734	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4215 0.4237 0.4259 0.4281 0.4304	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3051 0.3021 0.3034 0.2999 0.2953 0.2979	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5726 0.5748 0.5770 0.5792 0.5815	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2108
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923 -0.3958 -0.3993 -0.4029 -0.4064 -0.4099 -0.4134 -0.4170 -0.4205 -0.4240	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91 452.33 451.85 451.51 448.62 448.36	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6213 -0.6273 -0.6303 -0.6303 -0.6333	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8337 -0.8367	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.67 430.20 431.33 432.00 432.81	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1769 0.1779 0.1818 0.1837 0.1856 0.1876	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837 0.2815 0.2734 0.2885	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3021 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2108 0.2150
-0.3711 -0.3747 -0.3782 -0.3852 -0.3858 -0.3923 -0.3958 -0.3993 -0.4029 -0.4064 -0.4099 -0.4134 -0.4170 -0.4205 -0.4240 -0.4275	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.56	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6213 -0.6273 -0.6303 -0.6303 -0.6303	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.67 430.20 431.33 432.00 432.81 433.18 433.82	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1769 0.1878 0.1818 0.1837 0.1856 0.1876 0.1895	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837 0.2815 0.2734 0.2885	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3021 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2108
-0.3711 -0.3747 -0.3782 -0.3852 -0.3858 -0.3923 -0.3958 -0.3993 -0.4029 -0.4064 -0.4170 -0.4205 -0.4240 -0.4275 -0.4310	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.56 448.82	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6213 -0.623 -0.6303 -0.6303 -0.6303 -0.6303 -0.6303 -0.6303	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54 441.49	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8397 -0.8427	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.67 430.20 431.33 432.00 432.81 433.18 433.82 435.83	CASE: X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616	9 - n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1895	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2837 0.2815 0.2835 0.2830	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4126 0.4148 0.4170 0.4192 0.4215 0.4259 0.4281 0.4304 0.4326 0.4348	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2108 0.2150 0.2125
-0.3711 -0.3747 -0.3782 -0.3852 -0.3858 -0.3923 -0.3958 -0.3993 -0.4029 -0.4064 -0.4099 -0.4134 -0.4170 -0.4205 -0.4240 -0.4275	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.56	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6213 -0.6273 -0.6303 -0.6303 -0.6303	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.67 430.20 431.33 432.00 432.81 433.18 433.82	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1760 0.1779 0.1836 0.1837 0.1856 0.1876 0.1895 0.1915	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2830 0.2814 0.2837 0.2815 0.2734 0.2885 0.2734 0.2885 0.2780	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3021 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2914	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5703 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837 0.5859 0.5881	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2108 0.2150 0.2125 0.2053
-0.3711 -0.3747 -0.3782 -0.3852 -0.3858 -0.3923 -0.3958 -0.3993 -0.4029 -0.4064 -0.4099 -0.4134 -0.4170 -0.4205 -0.4240 -0.4275 -0.4310 -0.4346	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.56 448.82 448.94	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6153 -0.6213 -0.6243 -0.6273 -0.6303 -0.6333 -0.6333 -0.6392 -0.6392 -0.6422	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54 441.49 442.39	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.67 430.20 431.33 432.00 432.81 433.18 433.82 435.83 437.36	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0509 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636	9 - n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1895	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2837 0.2815 0.2835 0.2830	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370 0.4392	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108 0.3051 0.3051 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2914 0.2871	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726 0.5748 0.5770 0.5792 0.5837 0.5859 0.5881 0.5903	0.2234 0.2224 0.2209 0.2207 0.2169 0.2169 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2150 0.2155 0.2125 0.2053 0.2059
-0.3711 -0.3747 -0.3782 -0.3852 -0.3858 -0.3923 -0.3958 -0.3993 -0.4029 -0.4134 -0.4170 -0.4205 -0.4240 -0.4275 -0.4310 -0.4381	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.56 448.82 448.94 451.24	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303 -0.6303 -0.6303 -0.6302 -0.6392 -0.6422 -0.6452	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54 441.49 442.39 441.34	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8307 -0.8367 -0.8367 -0.8367 -0.8457 -0.8457 -0.8486	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 429.57 429.67 429.90 431.33 432.00 432.81 433.18 433.82 435.83 437.36 437.77	CASE: X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636 0.0655	9 - n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040 0.3162	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1895 0.1915 0.1934 0.1953 0.1973	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837 0.2815 0.2734 0.2835 0.2830 0.2780 0.2780 0.2868	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4192 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370 0.4392	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108 0.3051 0.3051 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2914 0.2871	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5703 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837 0.5859 0.5881	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2108 0.2150 0.2125 0.2053
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-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923 -0.3958 -0.3958 -0.4029 -0.4064 -0.4099 -0.4134 -0.4205 -0.4240 -0.4275 -0.4310 -0.4310 -0.4381 -0.4416 -0.4451	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.58 448.82 448.94 450.30 449.00	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6362 -0.6362 -0.6482 -0.6482 -0.6512	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54 441.49 442.39 441.34 445.49	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8367 -0.8367 -0.8486 -0.8457 -0.8486 -0.8516	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 429.57 429.67 429.90 430.20 431.33 432.00 432.81 433.82 435.83 437.36 437.77 437.94	X/SL 0.0384 0.0403 0.0422 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0636 0.0636 0.0655 0.0674	9-1 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040 0.3162 0.2881	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1779 0.1818 0.1837 0.1856 0.1876 0.1876 0.1915 0.1934 0.1953 0.1973 0.1973 0.1973 0.1992 0.2011 0.2031	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837 0.2835 0.2734 0.2885 0.2780 0.2868 0.2760 0.2825 0.2820	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4126 0.4126 0.4126 0.4170 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370 0.4392 0.4415 0.4437 0.4459	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3021 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2914 0.2871 0.2854 0.2922 0.2825	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726 0.5748 0.5770 0.5827 0.5837 0.5881 0.5903 0.5926 0.5948 0.5970	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2125 0.2150 0.2125 0.2053 0.2059 0.2008 0.2064 0.2064
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3923 -0.3958 -0.3958 -0.4029 -0.4064 -0.4099 -0.4134 -0.4170 -0.4205 -0.4240 -0.4275 -0.4310 -0.4310 -0.4346 -0.44361 -0.4451 -0.4487	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.56 448.82 448.94 451.24 450.30 449.00 449.00	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6392 -0.6462 -0.6462 -0.6452 -0.6482 -0.6512 -0.6542	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.49 442.39 441.34 445.49 448.17 443.29	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8367 -0.8427 -0.8457 -0.8457 -0.8516 -0.8546 -0.8576	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.67 429.90 430.20 431.33 432.00 432.81 433.18 433.82 435.83 437.77 437.94 438.76 437.77	X/SL 0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0616 0.0636 0.0655 0.0674 0.0694 0.0713	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040 0.3162 0.2881 0.3039 0.2891	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1779 0.1818 0.1837 0.1856 0.1876 0.1895 0.1915 0.1934 0.1953 0.1973 0.1973 0.1992 0.2011	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837 0.2835 0.2734 0.2885 0.2780 0.2868 0.2760 0.2825 0.2820	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4126 0.4126 0.4170 0.4192 0.4215 0.4237 0.4259 0.4281 0.4304 0.4348 0.4370 0.4392 0.4315 0.4392	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3051 0.3051 0.3051 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2871 0.2854 0.2922	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5681 0.5703 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837 0.5889 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2056 0.2075 0.2039 0.2110 0.2060 0.2108 0.2150 0.2125 0.2053 0.2059 0.2059 0.2064 0.2061 0.2061
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-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3923 -0.3958 -0.3958 -0.4029 -0.4064 -0.4099 -0.4134 -0.4170 -0.4205 -0.4240 -0.4340 -0.4340 -0.4340 -0.44361 -0.4451 -0.4451 -0.4451	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.85 451.85 448.62 448.82 448.84 451.24 450.30 449.00 449.00 449.25 447.10	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6392 -0.6422 -0.6422 -0.6482 -0.6512 -0.6572	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 447.28 440.25 445.77 437.59 438.37 440.80 441.49 442.39 441.34 445.49 448.17 443.29 443.42	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8247 -0.8247 -0.8307 -0.8337 -0.8367 -0.8367 -0.8427 -0.8457 -0.8457 -0.8516 -0.8546 -0.8576 -0.8606	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.90 430.20 431.33 432.00 432.81 433.18 433.82 435.83 437.36 437.77 437.77 437.94 438.76 437.77 441.86 443.16	X/SL 0.0384 0.0403 0.0422 0.0441 0.0500 0.0519 0.0539 0.0558 0.0577 0.0694 0.0636 0.0655 0.0674 0.0694 0.0713 0.0732 0.0752	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040 0.3162 0.2881 0.3039 0.2827 0.2827 0.2827	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1760 0.1779 0.1818 0.1837 0.1856 0.1876 0.1895 0.1915 0.1953 0.1973 0.1973 0.1973 0.2050 0.2070 0.2089	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2837 0.2815 0.2734 0.2835 0.2734 0.2836 0.2760 0.2868 0.2760 0.2825 0.2820 0.2799 0.2898 0.2799	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370 0.4392 0.4415 0.4437 0.4459 0.4481 0.4503 0.4503	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3051 0.3051 0.3051 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2914 0.2854 0.2922 0.2825 0.2770 0.2757 0.2704	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837 0.5837 0.5839 0.5926 0.5948 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2125 0.2053 0.2059 0.2059 0.2064 0.2064 0.2061 0.2013 0.1994 0.1928
-0.3711 -0.3747 -0.3782 -0.3852 -0.3858 -0.3923 -0.3958 -0.3993 -0.4029 -0.4134 -0.4170 -0.4205 -0.4240 -0.4275 -0.4341 -0.4381 -0.4416 -0.4451 -0.4451 -0.4457 -0.4557 -0.4557	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.56 448.82 448.94 451.24 450.30 449.00 449.25 447.10 447.57 445.43	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6333 -0.6362 -0.6422 -0.6452 -0.6452 -0.6452 -0.6512 -0.65512 -0.6552 -0.6602 -0.6632	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54 441.49 442.39 441.34 445.49 445.49 443.42 443.42 443.60	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8427 -0.8457 -0.8457 -0.8456 -0.8516 -0.8566 -0.8666	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.90 430.20 431.33 432.00 432.81 433.18 433.82 435.83 437.36 437.77 437.77 437.94 438.76 437.77 441.86 443.16	X/SL 0.0384 0.0403 0.0422 0.0441 0.0500 0.0519 0.0539 0.0558 0.0577 0.0694 0.0636 0.0655 0.0674 0.0694 0.0713 0.0732 0.0752	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040 0.3162 0.2881 0.3039 0.2827 0.2827 0.2827	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1895 0.1915 0.1953 0.1973 0.1992 0.2011 0.2031 0.2050 0.2070	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2837 0.2815 0.2734 0.2835 0.2730 0.2780 0.2780 0.2868 0.2760 0.2825 0.2820 0.2799 0.2898	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370 0.4326 0.4348 0.4370 0.4359 0.4481 0.4459 0.4481 0.4503	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3051 0.3051 0.3051 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916 0.2871 0.2854 0.2922 0.2825 0.2770 0.2757	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837 0.5837 0.5859 0.5881 0.5903 0.5926 0.5948 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2161 0.2056 0.2075 0.2149 0.2090 0.2130 0.2150 0.2125 0.2053 0.2059 0.2064 0.2064 0.2061 0.2061 0.2061 0.2061 0.2061 0.2088 0.2089
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-0.3711 -0.3747 -0.3782 -0.3852 -0.3858 -0.3923 -0.3958 -0.3993 -0.4029 -0.4134 -0.4170 -0.4205 -0.4240 -0.4275 -0.4381 -0.4381 -0.4416 -0.4451 -0.4451 -0.4452 -0.4557 -0.4522 -0.4663	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.83 451.85 451.51 448.62 448.36 446.56 448.82 449.00 449.03 449.00 449.25 447.10 447.57 445.43 443.37 440.30	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6153 -0.6213 -0.6243 -0.6273 -0.6303 -0.6333 -0.6392 -0.6452 -0.6452 -0.6542 -0.6572 -0.6602 -0.6662 -0.6662 -0.6662	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54 441.49 442.39 441.34 445.49 448.17 443.42 443.60 441.16 445.23	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8127 -0.8157 -0.8157 -0.8217 -0.8247 -0.8247 -0.8307 -0.8367 -0.8367 -0.8427 -0.8457 -0.8456 -0.8546 -0.8546 -0.8546 -0.8666 -0.8696 -0.8726	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 428.21 429.57 429.57 429.90 431.33 432.00 431.33 432.00 432.81 433.18 433.82 435.83 437.77 437.94 438.76 437.77 439.07 441.86 443.16 444.08 445.52	X/SL 0.0384 0.0403 0.0422 0.0441 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0791 0.0810	9-n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040 0.3162 0.2881 0.3039 0.2891 0.2827 0.2721 0.2923 0.2921 0.2811	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1740 0.1760 0.1779 0.1818 0.1837 0.1856 0.1876 0.1895 0.1915 0.1953 0.1973 0.1992 0.2011 0.2050 0.2070 0.2089 0.2108 0.2128	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2837 0.2815 0.2835 0.2734 0.2835 0.2780 0.2780 0.2868 0.2760 0.2825 0.2825 0.2829 0.2799 0.2898 0.2929 0.2758 0.2871	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370 0.4392 0.4415 0.4437 0.4459 0.4459 0.4459 0.4503 0.4526 0.4548 0.4570	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3021 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2914 0.2871 0.2854 0.2922 0.2825 0.2757 0.2757 0.2768 0.2717	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837 0.5837 0.5859 0.5881 0.5903 0.5926 0.5948 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2108 0.2150 0.2125 0.2053 0.2059 0.2064 0.2064 0.2061 0.2061 0.2061 0.2061 0.2061 0.2075 0.2088 0.2089 0.
-0.3711 -0.3747 -0.3782 -0.3852 -0.3858 -0.3923 -0.3958 -0.3993 -0.4029 -0.4134 -0.4170 -0.4205 -0.4240 -0.4275 -0.4381 -0.4381 -0.4416 -0.4451 -0.4451 -0.4452 -0.4557 -0.4522 -0.4663	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.83 451.85 451.51 448.62 448.36 446.56 448.82 449.00 449.03 449.00 449.25 447.10 447.57 445.43 443.37 440.30	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6063 -0.6063 -0.6153 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6302 -0.6482 -0.6452 -0.6452 -0.6452 -0.6572 -0.6602 -0.6662	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54 441.49 442.39 441.34 445.49 448.17 443.42 443.42 444.23 443.60 441.16	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8157 -0.8217 -0.8247 -0.8307 -0.8307 -0.8367 -0.8367 -0.8465 -0.8516 -0.8546 -0.8566 -0.8606 -0.8606 -0.8606 -0.8606 -0.8606 -0.8726 -0.8756	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 429.57 429.67 429.90 430.20 431.33 432.00 432.81 433.18 433.82 435.83 437.77 437.94 438.76 437.77 439.07 441.86 443.16 444.08 445.52 447.95	X/SL 0.0384 0.0403 0.0422 0.0441 0.0481 0.0509 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829	Q - n 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040 0.3162 0.2881 0.3039 0.2827 0.2827 0.2721 0.2923 0.2921 0.2811 0.2704	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1876 0.1915 0.1915 0.1915 0.1973 0.1992 0.2011 0.2031 0.2050 0.2050 0.2070 0.2089 0.2128 0.2147	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2837 0.2815 0.2830 0.2734 0.2835 0.2780 0.2868 0.2760 0.2825 0.2825 0.2820 0.2799 0.2898 0.2929 0.2758 0.2851 0.2851	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4104 0.4126 0.4148 0.4170 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370 0.4392 0.4415 0.4437 0.4459 0.4459 0.4526 0.4548 0.4570 0.4592	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3108 0.3066 0.3051 0.3021 0.3061 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2914 0.2871 0.2854 0.2922 0.2825 0.2770 0.2757 0.2754 0.2704 0.2757	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837 0.5859 0.5881 0.5903 0.5926 0.5948 0.5903 0.5926 0.5948 0.5970 0.6059 0.6037 0.6059 0.6081 0.6103	0.2234 0.2224 0.2209 0.2207 0.2169 0.2167 0.2161 0.2056 0.2075 0.2149 0.2090 0.2108 0.2150 0.2125 0.2053 0.2059 0.2064 0.2064 0.2061 0.2061 0.2061 0.2061 0.2063 0.1994 0.1928 0.1858 0.1970 0.1939
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-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3923 -0.3958 -0.3958 -0.4029 -0.4054 -0.4099 -0.4134 -0.4275 -0.4245 -0.4245 -0.4310 -0.4451 -0.4451 -0.4451 -0.4457 -0.4592 -0.4628 -0.4628 -0.4663 -0.4717 -0.4777	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.56 448.94 451.24 450.30 449.00 449.25 447.10 447.57 445.43 443.37 440.30 443.96 437.06 433.62 438.52	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6003 -0.6063 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6303 -0.6362 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602 -0.6692 -0.6721 -0.6751 -0.6781 -0.6811	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54 441.49 442.39 441.34 445.49 448.17 443.60 441.16 445.23 445.08 439.85 439.85 439.96	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8157 -0.8187 -0.8217 -0.8247 -0.8247 -0.8307 -0.8337 -0.8367 -0.8457 -0.8457 -0.8457 -0.8456 -0.8636 -0.8636 -0.8636 -0.8756 -0.8756 -0.8786 -0.8786 -0.8786 -0.8816	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 429.57 429.67 429.90 430.20 431.33 432.00 432.81 433.18 433.82 435.83 437.77 437.94 438.76 441.86 444.08 445.52 447.95 449.24 450.59	X/SL 0.0384 0.0403 0.0422 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829 0.0849 0.0868	9-1 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2889 0.3040 0.3162 0.2881 0.3039 0.2827 0.2721 0.2923 0.2921 0.2921 0.2724 0.2746 0.2828 0.2746 0.2828 0.2677	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1779 0.1818 0.1837 0.1856 0.1876 0.1876 0.1895 0.1915 0.1934 0.1953 0.1973 0.1973 0.2050 0.2070 0.2089 0.2128 0.2147 0.2166 0.2205 0.2205 0.2225	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837 0.2815 0.2734 0.2885 0.2734 0.2885 0.2760 0.2825 0.2820 0.2799 0.2898 0.2929 0.2758 0.2871 0.2887 0.2887 0.2927 0.2927	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4126 0.4126 0.4126 0.4170 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370 0.4392 0.4415 0.4459 0.4503 0.4526 0.4548 0.4570 0.4592 0.4659 0.4659 0.4681	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3021 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2914 0.2825 0.2770 0.2757 0.2768 0.2717 0.2672 0.2768 0.2717 0.2672 0.2730 0.2763 0.2685 0.2631	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837 0.5889 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6103 0.61126 0.61126 0.61170 0.6192	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2125 0.2053 0.2150 0.2053 0.2059 0.2064 0.2061 0.2061 0.1928 0.1928 0.1970 0.1939 0.1968 0.1968 0.1968 0.1960 0.1873
-0.3711 -0.3747 -0.3782 -0.3817 -0.3852 -0.3888 -0.3958 -0.3958 -0.3958 -0.4029 -0.4064 -0.4029 -0.4134 -0.4245 -0.4245 -0.4245 -0.4310 -0.4381 -0.4451 -0.4451 -0.4451 -0.4457 -0.4522 -0.4557 -0.4592 -0.4663 -0.4687 -0.4717 -0.4747	457.24 460.04 459.95 455.11 456.05 452.50 450.71 451.25 451.93 451.91 451.20 452.33 451.85 451.51 448.62 448.36 446.56 448.82 448.94 451.24 450.30 449.00 449.25 447.10 447.57 445.43 443.37 440.30 443.37 440.30 443.85 433.62 438.52 438.52 439.85	-0.5854 -0.5884 -0.5914 -0.5974 -0.6003 -0.6033 -0.6063 -0.6123 -0.6123 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6303 -0.6303 -0.6302 -0.6452 -0.6452 -0.6512 -0.6572 -0.6602 -0.6652 -0.6652 -0.6652 -0.6652 -0.6652 -0.6751 -0.6781	435.93 436.58 438.15 437.10 434.84 437.35 439.33 438.80 442.21 438.89 447.28 440.25 445.77 437.59 438.37 440.80 441.54 441.54 441.34 445.49 442.39 443.42 444.23 443.60 441.16 445.23 445.08 439.85 438.34	-0.7918 -0.7948 -0.7978 -0.8008 -0.8038 -0.8068 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8337 -0.8367 -0.8457 -0.8457 -0.8456 -0.8516 -0.8666 -0.8666 -0.8666 -0.8666 -0.8756 -0.8756 -0.8756 -0.8756 -0.8756 -0.8845 -0.8845	423.17 422.72 423.83 423.22 424.06 423.58 424.26 426.82 429.57 429.67 429.90 430.20 431.33 432.00 432.81 433.82 435.83 437.77 437.94 438.76 437.77 439.07 441.86 444.08 445.52 447.95 449.24 450.59 453.64	X/SL 0.0384 0.0403 0.0422 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694 0.0713 0.0732 0.0752 0.0771 0.0810 0.0849 0.0868 0.0888	9-1 0.3650 0.2422 0.2361 0.2451 0.2003 0.2116 0.1989 0.2096 0.2245 0.2441 0.2583 0.2614 0.2583 0.2614 0.3039 0.3040 0.3162 0.2881 0.3039 0.2827 0.2721 0.2923 0.2921 0.2921 0.2704 0.2704 0.2746 0.2828 0.2677 0.2497	0.1605 0.1624 0.1643 0.1663 0.1682 0.1701 0.1721 0.1740 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1876 0.1973 0.1953 0.1973 0.1973 0.2050 0.2070 0.2089 0.2108 0.2128 0.2147 0.2166 0.2205	0.3018 0.2899 0.2860 0.2770 0.2739 0.2797 0.2687 0.2709 0.2612 0.2890 0.2713 0.2800 0.2814 0.2837 0.2837 0.2734 0.2885 0.2734 0.2885 0.2760 0.2825 0.2820 0.2799 0.2799 0.2758 0.2871 0.28871 0.28871 0.28877 0.2927	0.3970 0.3992 0.4015 0.4037 0.4059 0.4081 0.4126 0.4126 0.4126 0.4170 0.4215 0.4237 0.4259 0.4281 0.4304 0.4326 0.4348 0.4370 0.4392 0.4415 0.4503 0.4526 0.4548 0.4503 0.4526 0.4548 0.4570 0.4659 0.4659	0.3498 0.3392 0.3268 0.3264 0.3337 0.3307 0.3164 0.3066 0.3051 0.3021 0.3034 0.2999 0.2953 0.2979 0.2916 0.2878 0.2979 0.2854 0.2871 0.2854 0.2770 0.2757 0.2768 0.2717 0.2685 0.2631	0.5481 0.5503 0.5526 0.5548 0.5570 0.5592 0.5615 0.5637 0.5659 0.5681 0.5703 0.5726 0.5748 0.5770 0.5792 0.5815 0.5837 0.5889 0.5881 0.5903 0.5926 0.5948 0.5970 0.5992 0.6015 0.6037 0.6059 0.6103 0.61126 0.61126 0.61170 0.6192	0.2234 0.2224 0.2209 0.2207 0.2169 0.2149 0.2167 0.2056 0.2075 0.2149 0.2090 0.2039 0.2110 0.2060 0.2125 0.2053 0.2150 0.2125 0.2053 0.2059 0.2064 0.2061 0.2061 0.1928 0.1928 0.1958 0.1968 0.1968 0.1968

	0.6237	0.1972	0.7748	0.0933	0.9259	0.1000	-0.304	0.2687	-0.5438	0.1451	0.7440	0.0007	0.0500	0.0707
	0.6259		0.7770				-0.3077				-0.7469		-0.9503	
	0.6281		0.7792				-0.3112						-0.9533	
	0.6303		0.7814								-0.7529		-0.9563	
	0.6326						-0.3147		-0.5543		-0.7559		-0.9593	
			0.7837				-0.3182				-0.7588		-0.9623	0.0870
	0.6348		0.7859				-0.3218		-0.5584		-0.7618	0.0867	-0.9653	0.0894
	0.6370		0.7881	0.0936			-0.3253		-0.5614	0.1299	-0.7648	0.0882	-0.9683	
	0.6392		0.7903				-0.3288	0.2471	-0.5644	0.1275	-0.7678	0.0905	-0.9712	
	0.6415		0.7926	0.0740	0.9437	0.1329	-0.3323	0.2449	-0.5674		-0.7708	0.0928	-0.9742	
	0.6437	0.1985	0.7948	0.0838	0.9459	0.1344	-0.3359	0.2425	-0.5704		-0.7738	0.0899	-0.9772	
	0.6459	0.1891	0.7970			0.1426	-0.3394		-0.5734		-0.7768	0.0907	-0.9802	0.0974
	0.6481	0.1759	0.7992	0.0779			-0.3429		-0.5764		-0.7798			
	0.6503	0.1773	0.8014	0.0964	0.9525		-0.3464					0.0878	-0.9832	0.0886
	0.6526	0.1814	0.8037	0.0742	0.9548	0.1404	-0.3500		-0.5794		-0.7828	0.0824	-0.9862	0.0870
	0.6548	0.1641	0.8059	0.0794	0.9570				-0.5823		-0.7858	0.0820	-0.9892	0.0879
	0.6570	0.1709	0.8081	0.0794			-0.3535		-0.5853	0.1167	-0.7888	0.0824	-0.9922	0.0967
	0.6592				0.9592	0.1373	-0.3570		-0.5883	0.1156	-0.7918	0.0800		
		0.1594	0.8103	0.0741			-0.3605		-0.5913	0.1180	-0.7947	0.0821		
	0.6615	0.1529	0.8126	0.0836	X/PL	η	-0.3640		-0.5943	0.1210	-0.7977	0.0815	CASE I	<u> </u>
	0.6637	0.1548	0.8148	0.0842	-0.0274	0.4229	-0.3676		-0.5973	0.1163	-0.8007	0.0825		
	0.6659	0.1476	0.8170	0.0913	-0.0359	0.4198	-0.3711	0.2168	-0.6003	0.1082	-0.8037	0.0819	X/SL	Nu
	0.6681	0.1551	0.8192	0.0794	-0.0445	0.3864	-0.3746	0.2180	-0.6033	0.1143	-0.8067	0.0770		2170.79
	0.6703	0.1599	0.8214	0.0870	-0.0530	0.3770	-0.3781	0.2189	-0.6063	0.1139	-0.8097	0.0819		1102.93
	0.6726	0.1562	0.8237	0.0872	-0.0616	0.3663	-0.3817	0.2104	-0.6093	0.1121	-0.8127	0.0822		1011.24
	0.6748	0.1785	0.8259	0.0850	-0.0701	0.3470	-0.3852	0.2117	-0.6123	0.1163	-0.8157	0.0855	0.0422	
	0.6770	0.1470	0.8281	0.0857	-0.0787	0.3354	-0.3887	0.2088	-0.6153	0.1110	-0.8187	0.0863		950.98
	0.6792	0.1537	0.8303	0.0759	-0.0872	0.3169	-0.3922	0.2030	-0.6182				0.0461	909.13
	0.6814	0.1455	0.8326	0.0898						0.1164	-0.8217	0.0844	0.0480	871.33
	0.6837	0.1485	0.8348		-0.0958	0.2949	-0.3958	0.2017	-0.6212	0.1149	-0.8247	0.0822	0.0499	852.32
	0.6859	0.1465		0.0971	-0.1044	0.2920	-0.3993	0.2021	-0.6242	0.1137	-0.8277	0.0816	0.0519	832.31
			0.8370	0.0873	-0.1129	0.2808	-0.4028	0.2028	-0.6272	0.1060	-0.8306	0.0821	0.0538	824.73
	0.6881	0.1426	0.8392	0.0874	-0.1215	0.2739	-0.4063	0.2049	-0.6302	0.1098	-0.8336	0.0843	0.0558	782.21
	0.6903	0.1568	0.8414	0.0793	-0.1300	0.2656	-0.4099	0.2074	-0.6332	0.1113	-0.8366	0.0862	0.0577	757.60
	0.6926	0.1395	0.8437	0.0802	-0.1386	0.2650	-0.4134	0.2024	-0.6362	0.1111	-0.8396	0.0845	0.0596	742.09
	0.6948	0.1298	0.8459	0.0820	-0.1471	0.2714	-0.4169	0.2034	-0.6392	0.1092	-0.8426	0.0847	0.0616	746.84
	0.6970	0.1211	0.8481	0.0874	-0.1557	0.2658	-0.4204	0.1997	-0.6422	0.1089	-0.8456	0.0842	0.0635	743.31
	0.6992	0.1339	0.8503	0.0903	-0.1642	0.2624	-0.4240	0.2021	-0.6452	0.1034	-0.8486	0.0833	0.0654	727.09
	0.7014	0.1236	0.8526	0.0737	-0.1728	0.2514	-0.4275	0.1978	-0.6482	0.1117	-0.8516	0.0802	0.0674	713.49
	0.7037	0.1177	0.8548	0.0842	-0.1813	0.2594	-0.4310	0.1974	-0.6512	0.1085	-0.8546	0.0803	0.0693	709.75
	0.7059	0.1026	0.8570	0.0820	-0.1899	0.2707	-0.4345	0.1928	-0.6541	0.1031	-0.8576	0.0763	0.0713	696.49
	0.7081	0.1192	0.8592	0.1010	-0.1984	0.2724	-0.4380	0.1941	-0.6571	0.1051	-0.8606	0.0765	0.0713	679.88
	0.7103	0.1094	0.8614	0.0830	-0.2020	0.2471	-0.4416	0.1907	-0.6601	0.1028	-0.8636	0.0787	0.0751	672.07
	0.7126	0.1249	0.8637	0.0773	-0.2055	0.2564	-0.4451	0.1876	-0.6631	0.1042	-0.8665	0.0707	0.0731	674.98
	0.7148	0.1172	0.8659	0.0780	-0.2090	0.2355	-0.4486	0.1878	-0.6661	0.0991	-0.8695	0.0828		
	0.7170	0.1047	0.8681	0.0812	-0.2125	0.2333	-0.4521	0.1841					0.0790	675.23
	0.7192	0.1055	0.8703	0.0889	-0.2123		-0.4557	0.1843	-0.6691	0.1041	-0.8725	0.0845	0.0810	669.81
	0.7214	0.1121	0.8726	0.0009		0.2406			-0.6721	0.1035	-0.8755	0.0864	0.0829	671.44
	0.7237	0.1306	0.8748	0.0970	-0.2196	0.2340	-0.4592	0.1902	-0.6751	0.0968	-0.8785	0.0868	0.0848	661.05
	0.7259	0.1223			-0.2231	0.2362	-0.4627	0.1889	-0.6781	0.0968	-0.8815	0.0867	0.0868	655.57
	0.7239	0.1223	0.8770	0.0856	-0.2266	0.2339	-0.4662	0.1812	-0.6811	0.0988	-0.8845	0.0889	0.0887	643.83
			0.8792	0.0918	-0.2302	0.2193	-0.4698	0.1839	-0.6841	0.1002	-0.8875	0.0954	0.0906	633.40
		0.1045	0.8814	0.0866	-0.2337	0.2247	-0.4733	0.1716	-0.6871	0.1001	-0.8905	0.0976	0.0926	627.77
		0.1119	0.8837	0.0836	-0.2372	0.2341	-0.4768	0.1722	-0.6900	0.0990	-0.8935	0.0956	0.0945	623.77
		0.1128	0.8859	0.0976	-0.2407	0.2290	-0.4803	0.1778	-0.6930	0.1026	-0.8965	0.0937	0.0965	611.33
		0.0941	0.8881	0.0898	-0.2442	0.2325	-0.4839	0.1724	-0.6960	0.0982	-0.8995	0.0930	0.0984	599.84
		0.1045	0.8903	0.0842	-0.2478	0.2337	-0.4874	0.1674	-0.6990	0.1057	-0.9024	0.0918	0.1003	594.68
		0.1010	0.8926	0.0809	-0.2513	0.2370	-0.4909	0.1753	-0.7020	0.1010	-0.9054	0.0926	0.1023	586.98
	0.7437	0.0876	0.8948	0.0822	-0.2548	0.2433	-0.4944	0.1715	-0.7050	0.0994	-0.9084	0.0930	0.1042	584.62
	0.7459	0.0880	0.8970	0.0747	-0.2583	0.2515	-0.4979	0.1660	-0.7080	0.1012	-0.9114	0.0940	0.1061	576.88
		0.1038	0.8992	0.0752	-0.2619	0.2601	-0.5015	0.1630	-0.7110	0.0985	-0.9144	0.0934	0.1081	567.68
		0.0962	0.9014	0.0776	-0.2654	0.2632	-0.5050	0.1628	-0.7140	0.0948	-0.9174	0.0915	0.1100	567.32
		0.0894	0.9037	0.0762	-0.2689	0.2607	-0.5085	0.1715	-0.7170	0.0941	-0.9204	0.0913	0.1120	561.91
		0.0862		0.0828	-0.2724	0.2621	-0.5120	0.1677	-0.7200	0.0941	-0.9234			
		0.0936	0.9081	0.0819								0.0911	0.1139	553.59
		0.0950			-0.2760	0.2831	-0.5156	0.1675	-0.7230	0.1002	-0.9264	0.0921	0.1158	559.97
		0.0902		0.0727	-0.2795	0.2915	-0.5191	0.1618	-0.7259	0.0926	-0.9294	0.0890	0.1178	563.11
				0.0742	-0.2830	0.3067	-0.5226	0.1538	-0.7289	0.0901	-0.9324	0.0882	0.1197	556.77
		0.0962		0.0872	-0.2865		-0.5261	0.1460		0.0895	-0.9353	0.0836	0.1216	538.83
		0.0815		0.0915	-0.2901	0.2822	-0.5297	0.1478	-0.7349	0.0862	-0.9383	0.0800	0.1236	546.90
		0.0895		0.0951			-0.5332	0.1401		0.0850	-0.9413	0.0774	0.1255	559.56
		0.0937		0.0969		0.2741	-0.5367	0.1438	-0.7409	0.0876	-0.9443	0.0747	0.1275	559.70
-	0.7726	0.0904	0.9237	0.0930		0.2702	-0.5402	0.1459	-0.7439	0.0877	-0.9473	0.0821	0.1294	554.34
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0.1313	548.25	0.2813	644.05	0.5147	871.86	0.6658	808.26	0.8169	708.41	-0.0189	985.49	-0.3641	447.85
					878.29	0.6681	812.10	0.8192	707.54	-0.0274	896.47	-0.3676	431.08
0.1333	551.31	0.2845	641.82	0.5170								-0.3711	452.81
0.1352	559.87	0.2877	666.30	0.5192	883.73	0.6703	809.99	0.8214	705.41	-0.0360	761.29		
0.1371	567.55	0.2909	782.62	0.5214	880.56	0.6725	811.43	0.8236	701.77	-0.0445	670.14	-0.3747	434.54
0.1391	572.90	0.2941	803.41	0.5236	888.30	0.6747	806.75	0.8258	703.08	-0.0531	624.98	-0.3782	449.22
		0.2973	677.71	0.5259	890.84	0.6770	799.32	0.8281	705.41	-0.0616	580.70	-0.3817	435.16
0.1410	595.32									-0.0702	558.35	-0.3852	437.41
0.1430	650.65	0.3005	648.21	0.5281	896.91	0.6792	806.86	0.8303	704.31				
0.1449	659.32	0.3037	626.15	0.5303	898.50	0.6814	796.12	0.8325	720.71	-0.0787	526.65	-0.3888	443.08
0.1468	614.00	0.3069	713.66	0.5325	910.14	0.6836	790.38	0.8347	705.65	-0.0873	526.20	-0.3923	426.81
0.1488	592.68	0.3836	712.85	0.5347	917.73	0.6858	790.31	0.8369	700.90	-0.0958	503.80	-0.3958	451.53
				0.5370	918.35	0.6881	792.03	0.8392	704.99	-0.1044	499.48	-0.3993	439.40
0.1507	610.75	0.3859	702.37						708.91	-0.1130	476.02	-0.4029	455.70
0.1526	689.60	0.3881	702.54	0.5392	926.66	0.6903	786.90	0.8414					
0.1546	741.15	0.3903	713.94	0.5414	928.93	0.6925	784.08	0.8436	707.08	-0.1215	480.69	-0.4064	445.55
0.1565	728.11	0.3925	712.69	0.5436	918.81	0.6947	788.63	0.8458	702.25	-0.1301	459.69	-0.4099	452.96
0.1585	701.36	0.3947	719.63	0.5459	922.47	0.6970	779.48	0.8481	705.35	-0.1386	461.45	-0.4134	453.90
	685.48	0.3970	715.34	0.5481	926.83	0.6992	782.60	0.8503	710.91	-0.1472	447.93	-0.4170	440.72
0.1604							773.33	0.8525	719.56	-0.1557	434.28	-0.4205	463.48
0.1623	680.92	0.3992	722.29	0.5503	930.48	0.7014					448.28	-0.4240	446.10
0.1643	672.68	0.4014	727.58	0.5525	932.86	0.7036	777.81	0.8547	718.20	-0.1643			
0.1662	676.10	0.4036	729.10	0.5547	942.22	0.7058	772.93	0.8569	718.95	-0.1728	434.89	-0.4275	465.97
0.1682	660.96	0.4059	731.46	0.5570	952.53	0.7081	768.27	0.8592	720.87	-0.1814	439.40	-0.4310	459.25
0.1701	657.51	0.4081	736.25	0.5592	940.30	0.7103	769.75	0.8614	722.05	-0.1899	431.01	-0.4346	461.80
				0.5614	932.86	0.7125	766.20	0.8636	713.90	-0.1985	435.03	-0.4381	459.93
0.1720	656.69	0.4103	733.81						722.24	-0.2020	424.01	-0.4416	453.74
0.1740	654.77	0.4125	733.59	0.5636	929.46	0.7147	768.09	0.8658					
0.1759	652.68	0.4147	734.19	0.5658	946.54	0.7170	764.58	0.8681	724.30	-0.2055	418.84	-0.4451	464.58
0.1778	657.89	0.4170	745.79	0.5681	940.82	0.7192	766.54	0.8703	722.96	-0.2091	407.03	-0.4487	453.69
0.1798	650.38	0.4192	743.14	0.5703	931.28	0.7214	765.38	0.8725	720.92	-0.2126	389.51	-0.4522	465.31
	649.38	0.4214	743.34	0.5725	930.37	0.7236	754.74	0.8747	724.22	-0.2161	413.68	-0.4557	453.04
0.1817					938.47	0.7258	750.27	0.8769	724.26	-0.2196	386.49	-0.4592	449.85
0.1837	649.21	0.4236	750.07	0.5747					736.07		393.52	-0.4628	451.16
0.1856	664.70	0.4259	764.52	0.5770	944.06	0.7281	748.44	0.8792		-0.2232			
0.1875	654.18	0.4281	753.91	0.5792	925.95	0.7303	745.21	0.8814	739.87	-0.2267	386.68	-0.4663	447.71
0.1895	645.47	0.4303	752.52	0.5814	918.99	0.7325	745.28	0.8836	743.03	-0.2302	394.03	-0.4698	443.90
0.1914	643.59	0.4325	755.05	0.5836	919.60	0.7347	743.63	0.8858	747.72	-0.2337	401.16	-0.4733	441.02
0.1933	640.69	0.4347	762.72	0.5858	928.70	0.7370	747.72	0.8881	748.90	-0.2372	395.64	-0.4769	468.03
						0.7392	739.62	0.8903	754.53	-0.2408	416.06	-0.4804	456.29
0.1953	635.95	0.4370	766.38	0.5881	931.95						407.73	-0.4839	463.83
0.1972	630.99	0.4392	763.63	0.5903	909.76	0.7414	735.01	0.8925	761.20	-0.2443			447.09
0.1992	635.32	0.4414	766.00	0.5925	902.11	0.7436	731.65	0.8947	762.97	-0.2478	428.85	-0.4874	
0.2011	638.22	0.4436	771.95	0.5947	902.28	0.7458	730.78	0.8969	766.68	-0.2513	427.65	-0.4910	445.26
0.2030	634.13	0.4459	786.89	0.5970	904.01	0.7481	730.22	0.8992	771.94	-0.2549	438.99	-0.4945	464.36
0.2050	632.30	0.4481	780.02	0.5992	896.23	0.7503	727.45	0.9014	774.10	-0.2584	451.53	-0.4980	451.21
				0.6014	886.81	0.7525	727.07	0.9036	773.52	-0.2619	447.95	-0.5015	463.10
0.2069	630.77	0.4503	773.96						776.07	-0.2654	469.09	-0.5050	458.78
0.2088	630.87	0.4525	773.06	0.6036	886.44	0.7547	729.69	0.9058					
0.2108	623.67	0.4547	777.19	0.6058	895.56	0.7570	729.33	0.9081	789.81	-0.2690	462.62	-0.5086	464.07
0.2127	623.47	0.4570	781.68	0.6081	896.16	0.7592	722.36	0.9103	789.03	-0.2725	484.48	-0.5121	458.22
0.2147	619.95	0.4592	783.16	0.6103	884.47	0.7614	716.85	0.9125	795.71	-0.2760	475.56	-0.5156	456.92
0.2166	620.17	0.4614	791.28	0.6125	884.10	0.7636	719.30	0.9147	801.42	-0.2795	481.09	-0.5191	460.83
					881.99	0.7658	726.54	0.9169	803.45	-0.2831	474.47	-0.5196	460.87
0.2185	618.51	0.4636	795.20	0.6147					808.53	-0.2866	467.80	-0.5226	450.70
0.2205		0.4659	797.27	0.6170	875.38	0.7681	725.30	0.9192					
0.2224	607.60	0.4681	795.98	0.6192		0.7703	715.42	0.9214	816.25	-0.2901	473.69	-0.5256	469.88
0.2243	607.60	0.4703	800.24	0.6214	872.29	0.7725	710.63	0.9236	820.58	-0.2936	453.01	-0.5286	449.85
0.2263	611.99	0.4725	809.75	0.6236	873.00	0.7747	714.13	0.9258	830.47	-0.2971	480.94	-0.5315	448.75
0.2282	601.86	0.4747	812.20	0.6258	862.43	0.7770	720.42	0.9281	841.12	-0.3007	475.45	-0.5345	460.79
		0.4770	813.96	0.6281	855.66	0.7792	709.21	0.9303	851.41	-0.3042	474.63	-0.5375	447.17
0.2302	595.86					0.7814	713.01	0.9325	866.01	-0.3077	457.82	-0.5405	444.46
0.2302	591.77	0.4792	817.67	0.6303	852.01					-0.3112	451.05	-0.5435	464.08
0.2334	588.33	0.4814	822.08	0.6325	853.93	0.7836	719.83	0.9347	871.86				458.72
0.2366	589.00	0.4836	819.43	0.6347	851.78	0.7858	716.66	0.9369	877.42	-0.3148	463.92	-0.5465	
0.2398	586.94	0.4859	827.47	0.6370	855.87	0.7881	706.81	0.9392	879.44	-0.3183	443.17	-0.5495	450.91
0.2430	586.48	0.4881	830.89	0.6392	842.28	0.7903	705.49	0.9414	880.39	-0.3218	454.93	-0.5525	450.58
	592.87	0.4903	834.77	0.6414	845.02	0.7925	709.70	0.9436	896.47	-0.3253	442.30	-0.5555	458.73
0.2461					846.60	0.7947	709.06	0.9458	916.96	-0.3289	453.64	-0.5585	453.29
0.2493	597.63	0.4925	841.53	0.6436					936.54	-0.3324	447.28	-0.5615	451.99
0.2525	600.28	0.4947	845.30	0.6458	834.17	0.7969	706.39	0.9481					453.92
0.2557	604.28	0.4970	841.94	0.6481	830.67	0.7992	702.45	0.9503	939.73	-0.3359	440.88	-0.5645	
0.2589	608.61	0.4992	842.70	0.6503	841.21	0.8014	701.17	0.9525	964.32	-0.3394	453.77	-0.5674	454.49
0.2621	608.57	0.5014	852.55	0.6525	830.46	0.8036	709.38	0.9547	1059.71	-0.3430	437.62	-0.5704	468.91
0.2653	608.18	0.5036	852.88	0.6547	825.70	0.8058	703.77	0.9569	1138.48	-0.3465	459.22	-0.5734	482.99
		0.5059	859.49	0.6570	828.14	0.8081	698.97		1140.88	-0.3500	440.66	-0.5764	479.16
0.2685	610.51						703.74	0.7072		-0.3535	450.49	-0.5794	469.26
0.2717	617.05	0.5081	862.20	0.6592	828.50	0.8103		V/NI	Mer	-0.3571	438.83	-0.5824	469.55
0.2749	625.08	0.5103	863.76	0.6614	820.01	0.8125	706.31	X/PL	Nu				475.61
0.2781	638.62	0.5125	864.54	0.6636	821.45	0.8147	704.91	-0.0103	1109.25	-0.3606	449.27	-0.5854	4/0.01

-0.5884	480.65	-0.7918	416.52			0.1624	0.2332	0.3992	0.2389	0.5503	0.1717	0.7014	0.1439
-0.5914	476.82	-0.7948	430.12	CASE	R - n	0.1643	0.2318	0.4015	0.2408	0.5526	0.1662	0.7037	0.1382
-0.5944	467.75	-0.7978	425.75	الباد نينية		0.1663	0.2387	0.4037	0.2451	0.5548	0.1695	0.7059	0.1392
-0.5974	465.11	-0.8008	428.11	X/SL	•	0.1682	0.2434	0.4059	0.2421	0.5570	0.1681		0.1340
-0.6003	487.79	-0.8038	425.88	0.0384	η 0.3013	0.1701	0.2503	0.4081	0.2376	0.5570		0.7081	
-0.6033	481.50	-0.8068	428.48								0.1732	0.7103	0.1347
				0.0403	0.3037	0.1721	0.2553	0.4104	0.2401	0.5615	0.1659	0.7126	0.1267
-0.6063	475.86	-0.8098	422.23	0.0422	0.2228	0.1740	0.2623	0.4126	0.2338	0.5637	0.1643	0.7148	0.1337
-0.6093	463.79	-0.8127	428.09	0.0442	0.2040	0.1760	0.2483	0.4148	0.2311	0.5659	0.1641	0.7170	0.1370
-0.6123	460.96	-0.8157	424.79	0.0461	0.2155	0.1779	0.2498	0.4170	0.2301	0.5681	0.1712	0.7192	0.1330
-0.6153	465.85	-0.8187	429.21	0.0481	0.2216	0.1798	0.2592	0.4192	0.2322	0.5703	0.1644	0.7214	0.1331
-0.6183	462.02	-0.8217	43 3.81	0.0500	0.1851	0.1818	0.2664	0.4215	0.2239	0.5726	0.1663	0.7237	0.1365
-0.6213	470.89	-0.8247	428.84	0.0519	0.1733	0.1837	0.2669	0.4237	0.2230	0.5748	0.1642	0.7259	0.1282
-0.6243	476.33	-0.8277	432.36	0.0539	0.1590	0.1856	0.2612	0.4259	0.2290	0.5770	0.1735	0.7281	0.1301
-0.6273	482.08	-0.8307	427.56	0.0558	0.1610	0.1876	0.2565	0.4281	0.2278	0.5792	0.1680	0.7303	0.1226
-0.6303	477.66	-0.8337	426.84	0.0577	0.1542	0.1895	0.2703	0.4304	0.2199	0.5815	0.1588	0.7326	0.1233
-0.6333	464.68	-0.8367	429.33	0.0597	0.1488	0.1915	0.2713	0.4326	0.2190	0.5837	0.1660	0.7348	0.1300
-0.6362	478.70	-0.8397	435.90	0.0616	0.1418	0.1934	0.2686	0.4348	0.2188	0.5859	0.1636		
-0.6392	466.15	-0.8427	433.98			0.1953	0.2697	0.4370	0.2100			0.7370	0.1297
-0.6422	453.48			0.0636	0.1451					0.5881	0.1675	0.7392	0.1266
		-0.8457	439.33	0.0655	0.1353	0.1973	0.2717	0.4392	0.2181	0.5903	0.1704	0.7414	0.1271
-0.6452	454.77	-0.8486	447.38	0.0674	0.1317	0.1992	0.2676	0.4415	0.2198	0.5926	0.1658	0.7437	0.1201
-0.6482	470.05	-0.8516	451.90	0.0694	0.1131	0.2011	0.2780	0.4437	0.2190	0.5948	0.1713	0.7459	0.1203
-0.6512	473.82	-0.8546	432.97	0.0713	0.1219	0.2031	0.2806	0.4459	0.2164	0.5970	0.1579	0.7481	0.1234
-0.6542	494.60	-0.8576	434.08	0.0732	0.1263	0.2050	0.2797	0.4481	0.2200	0.5992	0.1564	0.7503	0.1259
-0.6572	468.62	-0.8606	444.80	0.0752	0.1379	0.2070	0.2753	0.4503	0.2178	0.6015	0.1624	0.7526	0.1155
-0.6602	493.79	-0.8636	462.85	0.0771	0.1263	0.2089	0.2830	0.4526	0.2133	0.6037	0.1622	0.7548	0.1179
-0.6632	472.99	-0.8666	455.09	0.0791	0.1399	0.2108	0.2750	0.4548	0.2083	0.6059	0.1543	0.7570	0.1233
-0.6662	468.58	-0.8696	450.02	0.0810	0.1374	0.2128	0.2742	0.4570	0.2053	0.6081	0.1566	0.7592	0.1142
-0.6692	465.17	-0.8726	448.66	0.0829	0.1301	0.2147	0.2782	0.4592	0.2025	0.6103	0.1592	0.7614	0.1190
-0.6721	472.43	-0.8756	442.32	0.0849	0.1367	0.2166	0.2812	0.4615	0.1992	0.6126	0.1595	0.7637	0.1126
-0.6751	471.43	-0.8786	442.48	0.0868	0.1409	0.2186	0.2812	0.4637	0.2018	0.6148	0.1592	0.7659	0.1145
-0.6781	464.98	-0.8816	453.03	0.0888	0.1376	0.2205	0.2896	0.4659	0.1956	0.6170	0.1575	0.7681	0.1270
-0.6811	447.38	-0.8845	446.46	0.0907	0.1444	0.2225	0.2904	0.4681	0.2008	0.6192	0.1567	0.7703	0.1217
-0.6841	444.59	-0.8875	445.50	0.0926	0.1414	0.2244	0.2855	0.4703	0.2012	0.6215	0.1536	0.7726	0.1165
-0.6871	449.56	-0.8905	454.43	0.0946	0.1501	0.2263	0.2882	0.4726	0.2020	0.6237	0.1591	0.7748	0.1105
-0.6901	460.58	-0.8935	461.93	0.0965	0.1468	0.2283	0.2871	0.4748	0.2021	0.6259	0.1546	0.7770	0.1074
-0.6931	456.40	-0.8965	461.59	0.0984	0.1352	0.2302	0.2845	0.4770	0.2009	0.6281	0.1565	0.7792	0.1097
-0.6961	458.57	-0.8995	461.55	0.1004	0.1457	0.2302	0.2813	0.4792	0.1993	0.6303	0.1559	0.7814	0.1065
-0.6991	454.27	-0.9025	459.47	0.1023	0.1445	0.2334	0.2825	0.4815	0.2027	0.6326	0.1541	0.7837	0.1156
-0.7021	462.89	-0.9055	461.96	0.1023	0.1392	0.2366	0.2768	0.4837	0.2046	0.6348	0.1501	0.7859	0.1142
-0.7051	474.07	-0.9085	463.59	0.1043	0.1392	0.2398	0.2809	0.4859	0.1959	0.6370	0.1574	0.7881	0.1146
-0.7080	464.85	-0.9115	465.59	0.1082	0.1502	0.2430	0.2773	0.4881	0.1939	0.6370	0.1574	0.7903	0.1140
-0.7110	447.11	-0.9145	465.20	0.1001	0.1329	0.2462	0.2783	0.4903	0.2007	0.6415	0.1378	0.7903	0.1141
-0.7110	467.70	-0.9174	469.46		0.1439	0.2494	0.2809	0.4903	0.2007	0.6437	0.1496	0.7928	0.1141
-0.7170	464.82	-0.9204	478.54	0.1120		0.2526	0.2834	0.4948	0.1995				
-0.7200	452.16	-0.9234		0.1139	0.1493					0.6459	0.1591	0.7970	0.1059
-0.7230			486.41 485.52	0.1159	0.1539	0.2558	0.2815	0.4970	0.2039	0.6481	0.1515	0.7992	0.1026
	439.08	-0.9264		0.1178	0.1417	0.2590	0.2821	0.4992	0.1917	0.6503	0.1528	0.8014	0.1035
-0.7260	438.95	-0.9294	490.51	0.1198	0.1399	0.2622	0.2891	0.5015	0.1873	0.6526	0.1584	0.8037	0.0977
-0.7290	432.68	-0.9324	495.60	0.1217	0.1557	0.2654			0.1946	0.6548	0.1557	0.8059	0.1072
-0.7320	439.65	-0.9354	498.74	0.1236	0.1613	0.2686	0.3011	0.5059	0.1914	0.6570	0.1511	0.8081	0.1064
-0.7350	447.68	-0.9384	504.34	0.1256	0.1651	0.2718	0.3129	0.5081	0.1911	0.6592	0.1629	0.8103	0.1009
-0.7380	447.86	-0.9414	508.58	0.1275	0.1602	0.2750	0.3330		0.1910	0.6615	0.1552	0.8126	0.1123
-0.7409	438.74	-0.9444	511.56	0.1294	0.1589	0.2782	0.3553		0.1902	0.6637	0.1492	0.8148	0.1044
-0.7439	438.04	-0.9474	515.01	0.1314	0.1638	0.2814	0.3688		0.1870	0.6659	0.1582	0.8170	0.0973
-0.7469	433.44	-0.9504	520.08	0.1333	0.1745	0.2846	0.3702	0.5170	0.1916	0.6681	0.1483	0.8192	0.1055
-0.7499	434.80	-0.9533	526.19	0.1353	0.1825	0.2878	0.3611		0.1854	0.6703	0.1514	0.8214	0.1027
-0.7529	437.12	-0.9563	534.11	0.1372	0.1826	0.2910	0.3536	0.5215	0.1844	0.6726	0.1410	0.8237	0.0967
-0.7559	436.79	-0.9593	538.71	0.1391	0.2297	0.2942	0.3325	0.5237	0.1831	0.6748	0.1495	0.8259	0.0929
-0.7589	440.26	-0.9623	541.49	0.1411	0.2733	0.2974	0.3356		0.1946	0.6770	0.1512	0.8281	0.0987
-0.7619	441.87	-0.9653	546.55	0.1430	0.2515	0.3006	0.3402		0.1854	0.6792	0.1412	0.8303	0.0880
-0.7649	441.23	-0.9683	549.73	0.1449	0.2108	0.3038	0.3630		0.1768	0.6814	0.1498	0.8326	0.0909
-0.7679	439.63	-0.9713	556.65	0.1469	0.2012	0.3069	0.3420		0.1704	0.6837	0.1446	0.8348	0.1053
-0.7709	427.58	-0.9743	567.58	0.1488	0.2120	0.3837	0.2573		0.1823	0.6859	0.1375		0.0921
-0.7739	425.28	-0.9773	578.41	0.1508	0.2176	0.3859	0.2569		0.1823	0.6881	0.1418	0.8392	0.0919
-0.7768	428.94	-0.9803	607.98	0.1527	0.2061	0.3881	0.2566		D.1761	0.6903	0.1456	0.8414	0.0947
-0.7798	420.54	-0.9833	649.34	0.1527	0.1986	0.3904	0.2501		0.1809	0.6926	0.1356	0.8437	0.0955
-0.7828	425.21	-0.9863	683.90	0.1546	0.1966	0.3926	0.2521		0.1783	0.6948	0.1402	0.8459	0.0860
-0.7858	423.80	-0.9892	709.77	0.1585	0.2092	0.3948	0.2446		0.1763	0.6970	0.1486	0.8481	0.0853
-0.7888	423.80	-0.7072	107.//			0.3946	0.2499		0.1714	0.6970	0.1382	0.8503	0.0876
0.7000	741.04			0.1605	0.2128	0.07/0	U12477	0.0401	U. 17 14	U.U772	U. 100Z	0.0000	J.JU/ U

0.0507	0.0889	-0.1557	0.2012	-0.4204	0.1222	-0.6362	0.0857	-0.8396	0.0591	0.0596	857.51	0.1914	704.83
0.8526						-0.6392	0.0890	-0.8426	0.0727	0.0616	844.88	0.1933	702.62
0.8548	0.0909	-0.1642	0.1903	-0.4240	0.1199							0.1953	708.54
0.8570	0.0950	-0.1728	0.2022	-0.4275	0.1141	-0.6422	0.0848	-0.8456	0.0697	0.0635	809.46		
0.8592	0.0972	-0.1813	0.2138	-0.4310	0.1281	-0.6452	0.0780	-0.8486	0.0664	0.0654	812.51	0.1972	708.68
0.8614	0.0890	-0.1899	0.2022	-0.4345	0.1179	-0.6482	0.0801	-0.8516	0.0660	0.0674	806.22	0.1992	707.47
					0.1102	-0.6512	0.0980	-0.8546	0.0745	0.0693	799.09	0.2011	701.14
0.8637	0.0917	-0.1984	0.2137	-0.4380								0.2030	695.29
0.8659	0.0863	-0.2020	0.2324	-0.4416	0.1130	-0.6541	0.0988	-0.8576	0.0599	0.0713	777.77		
0.8681	0.0936	-0.2055	0.2452	-0.4451	0.1200	-0.6571	0.1081	-0.8606	0.0557	0.0732	766.84	0.2050	693.31
				-0.4486	0.1180	-0.6601	0.0854	-0.8636	0.0637	0.0751	758.47	0.2069	686.96
0.8703	0.0899	-0.2090	0.2699							0.0771	747.78	0.2088	684.80
0.8726	0.0838	-0.2125	0.2478	-0.4500	0.1200	-0.6631	0.1031	-0.8665	0.0793				
0.8748	0.0870	-0.2161	0.2413	-0.4627	0.1268	-0.6661	0.0941	-0.8695	0.0730	0.0790	740.94	0.2108	684.11
	0.0856	-0.2196	0.2464	-0.4657	0.1470	-0.6691	0.1003	-0.8725	0.0665	0.0810	738.78	0.2127	688.71
0.8770					0.1153	-0.6721	0.0857	-0.8755	0.0642	0.0829	731.23	0.2147	680.11
0.8792	0.0785	-0.2231	0.2450	-0.4687	-							0.2166	676.69
0.8814	0.0883	-0.2266	0.2424	-0.4717	0.1294	-0.6751	0.0972	-0.8785	0.0537	0.0848	714.90		
0.8837	0.0893	-0.2302	0.2105	-0.4747	0.1293	-0.6781	0.0968	-0.8815	0.0494	0.0868	704.43	0.2185	667.84
		-0.2337	0.2252	-0.4776	0.1424	-0.6811	0.0891	-0.8845	0.0464	0.0887	697.37	0.2205	663.82
0.8859	0.0823						0.0792	-0.8875	0.0489	0.0906	683.32	0.2224	664.68
0.8881	0.0895	-0.2372	0.1991	-0.4806	0.1299	-0.6841						0.2243	662.48
0.8903	0.0875	-0.2407	0.2015	-0.4836	0.1264	-0.6871	0.0789	-0.8905	0.0424	0.0926	674.34		
0.8926	0.0818	-0.2442	0.1967	-0.4866	0.1285	-0.6900	0.0873	-0.8935	0.0486	0.0945	657.73	0.2263	651.59
				-0.4896	0.1422	-0.6930	0.0849	-0.8965	0.0549	0.0965	653.54	0.2282	645.18
0.8948	0.0861	-0.2478	0.1928				0.0798	-0.8995	0.0506	0.0984	647.27	0.2302	644.04
0.8970	0.0815	-0.2513	0.1995	-0.4926	0.1323	-0.6960			-				
0.8992	0.0823	-0.2548	0.1919	-0.4956	0.1069	-0.6990	0.0772	-0.9024	0.0448	0.1003	647.13	0.2302	642.24
0.9014	0.0807	-0.2583	0.2085	-0.4986	0.1034	-0.7020	0.0793	-0.9054	0.0413	0.1023	633.10	0.2334	642.39
				-0.5016	0.1187	-0.7050	0.0893	-0.9084	0.0441	0.1042	625.53	0.2366	644.54
0.9037	0.0866	-0.2619	0.1947						0.0411	0.1061	618.73	0.2398	644.49
0.9059	0.0817	-0.2654	0.2035	-0.5046	0.0998	-0.7080	0.0961	-0.9114					
0.9081	0.0711	-0.2689	0.2009	-0.5076	0.1136	-0.7110	0.0932	-0.9144	0.0403	0.1081	614.91	0.2430	650.08
0.9103	0.0811	-0.2724	0.2070	-0.5106	0.1035	-0.7140	0.0810	-0.9174	0.0358	0.1100	611.46	0.2461	653.62
-				-0.5135	0.1090	-0.7170	0.1066	-0.9204	0.0365	0.1120	615.89	0.2493	655.91
0.9126	0.0670	-0.2760	0.2101						0.0485	0.1139	618.39	0.2525	659.99
0.9148	0.0768	-0.2795	0.2222	-0.5165	0.1136	-0.7200	0.1033	-0.9234					
0.9170	0.0734	-0.2830	0.2370	-0.5195	0.1189	-0.7230	0.0866	-0.9264	0.0533	0.1158	603.39	0.2557	659.28
-	0.0698	-0.2865	0.2592	-0.5225	0.1354	-0.7259	0.0752	-0.9294	0.0491	0.1178	594.49	0.2589	661.67
0.9192					0.1156	-0.7289	0.0870	-0.9324	0.0432	0.1197	600.83	0.2621	666.94
0.9214	0.0634	-0.2901	0.2908	-0.5255							609.22	0.2653	672.26
0.9237	0.0623	-0.2936	0.2944	-0.5285	0.1328	-0.7319	0.0805	-0.9353	0.0439	0.1216			
0.9259	0.0618	-0.2971	0.2841	-0.5315	0.1031	-0.7349	0.0754	-0.9383	0.0427	0.1236	610.49	0.2685	686.38
0.9281	0.0609	-0.3006	0.2754	-0.5345	0.1034	-0.7379	0.0879	-0.9413	0.0396	0.1255	602.58	0.2717	698.96
					0.1235	-0.7409	0.0820	-0.9443	0.0349	0.1275	600.23	0.2749	701.77
0.9303	0.0625	-0.3041	0.2750	-0.5375							607.20	0.2781	724.50
0.9325	0.0593	-0.3077	0.2760	-0.5405	0.1078	-0.7439	0.0769	-0.9473	0.0312	0.1294			
0.9348	0.0580	-0.3112	0.2623	-0.5435	0.1088	-0.7469	0.0792	-0.9503	0.0333	0.1313	616.31	0.2813	788.14
0.9370	0.0562	-0.3147	0.2600	-0.5465	0.1196	-0.7499	0.0785	-0.9533	0.0395	0.1333	628.68	0.2845	904.14
					0.1134	-0.7529	0.0864	-0.9563	0.0399	0.1352	642.40	0.2877	912.65
0.9392	0.0594	-0.3182	0.2476	-0.5494						0.1371	674.63	0.2909	879.80
0.9414	0.0526	-0.3218	0.2447	-0.5524	0.1034	-0.7559	0.0831	-0.9593	0.0436				
0.9437	0.0430	-0.3253	0.2366	-0.5554	0.1054	-0.7588	0.0868	-0.9623	0.0440	0.1391	742.51	0.2941	889.45
0.9459	0.0420	-0.3288	0.2356	-0.5584	0.1040	-0.7618	0.0849	-0.9653	0.0421	0.1410	750.71	0.2973	869.71
				-0.5614	0.0939	-0.7648	0.0958	-0.9683	0.0369	0.1430	680.10	0.3005	872.34
0.9481	0.0514	-0.3323	0.2187							0.1449	665.00	0.3037	859.24
0.9503	0.0624	-0.3359	0.2197	-0.5644	0.0998	-0.7678	0.0942	-0.9712	0.0301			0.3069	619.51
0.9525	0.0489	-0.3394	0.2180	-0.5674	0.0935	-0.7708	0.0890	-0.9742	0.0284	0.1468	703.99		
0.9548	0.0528	-0.3429	0.2032	-0.5704	0.1056	-0.7738	0.0799	-0.9772	0.0313	0.1488	769.19	0.3836	676.88
		-0.3464	0.2012	-0.5734	0.1140	-0.7768	0.0853	-0.9802	0.0261	0.1507	813.59	0.3859	672.07
0.9570							0.0801	-0.9832	0.0353	0.1526	777.46	0.3881	672.44
0.9592	0.0600	-0.3500	0.1848	-0.5764	0.1190	-0.7798						0.3903	672.07
		-0.3535	0.1866	-0.5794	0.1142	-0.7828	0.0736	-0.9862	0.0364	0.1546	742.18		
X/PL	η	-0.3570	0.1781	-0.5823	0.1013	-0.7858	0.0797	-0.9892	0.0251	0.1565	730.47	0.3925	675.96
		-0.3605	0.1547	-0.5853	0.1177	-0.7888	0.0753	-0.9922	0.0217	0.1585	734.15	0.3947	679.01
-0.0103							0.0790	0.,,,	•	0.1604	736.98	0.3970	679.90
-0.0188	0.5000	-0.3640	0.1738	-0.5883	0.1245	-0.7918					736.90	0.3992	684.70
-0.0274	0.4821	-0.3676	0.1580	-0.5913	0.1260	-0.7947	0.0720			0.1623			
-0.0359		-0.3711	0.1587	-0.5943	0.1211	-0.7977	0.0789	CASES	<u> </u>	0.1643	728.81	0.4014	686.82
		-0.3746	0.1511	-0.5973	0.1128	-0.8007	0.0731			0.1662	721.18	0.4036	688.52
-0.0445						-0.8037	0.0761	X/SL	Nu	0.1682	732.46	0.4059	689.94
-0.0530		-0.3781	0.1525	-0.6003	0.1115					0.1701	733.59	0.4081	693.68
-0.0616	0.3994	-0.3817	0.1528	-0.6033	0.1324	-0.8067	0.0796		1177.41				
-0.0701	0.3691	-0.3852	0.1271	-0.6063	0.1075	-0.8097	0.0724	0.0403	967.13	0.1720	732.79	0.4103	694.97
		-0.3887	0.1346	-0.6093	0.1048	-0.8127	0.0674	0.0422	868.98	0.1740	733.83	0.4125	696.89
-0.0787						-0.8157	0.0639	0.0441	864.85	0.1759	731.23	0.4147	697.07
-0.0872		-0.3922	0.1312	-0.6123	0.0870					0.1778	734.74	0.4170	698.94
-0.0958	0.3002	-0.3958	0.1281	-0.6153	0.0862	-0.8187	0.0615	0.0461	877.79				704.01
		-0.3993	0.1282	-0.6182	0.1005	-0.8217	0.0637		1012.93	0.1798	726.28	0.4192	
-())) (2)/)	0.2637	-0.0770					A 0705		000 01	0 1017	728.39		/I IA I A
-0.1044 -0.1120					0.0940	-0.8247	0.0735	0.0499	989.31	0.1817		0.4214	706.16
-0.1129	0.2583	-0.4028	0.1237	-0.6212		-0.8247 -0.8277							710.57
-0.1129 -0.1215	0.2583 0.2294	-0.4028 -0.4063	0.1237 0.1360	-0.6212 -0.6242	0.0904	-0.8277	0.0776	0.0519	941.13	0.1837	730.78	0.4236	710.57
-0.1129	0.2583 0.2294 0.2238	-0.4028 -0.4063 -0.4099	0.1237 0.1360 0.1239	-0.6212 -0.6242 -0.6272	0.0904 0.0966	-0.8277 -0.8306	0.0776 0.0780	0.0519 0.0538	941.13 892.87	0.1837 0.1856	730.78 744.14	0.4236 0.4259	710.57 715.26
-0.1129 -0.1215 -0.1300	0.2583 0.2294 0.2238	-0.4028 -0.4063	0.1237 0.1360 0.1239 0.1381	-0.6212 -0.6242 -0.6272 -0.6302	0.0904 0.0966 0.1118	-0.8277 -0.8306 -0.8336	0.0776 0.0780 0.0724	0.0519 0.0538 0.0558	941.13 892.87 877.70	0.1837 0.1856 0.1875	730.78 744.14 721.03	0.4236 0.4259 0.4281	710.57 715.26 720.19
-0.1129 -0.1215	0.2583 0.2294 0.2238 0.2018	-0.4028 -0.4063 -0.4099	0.1237 0.1360 0.1239 0.1381	-0.6212 -0.6242 -0.6272	0.0904 0.0966 0.1118	-0.8277 -0.8306	0.0776 0.0780 0.0724	0.0519 0.0538	941.13 892.87 877.70	0.1837 0.1856	730.78 744.14 721.03	0.4236 0.4259	710.57 715.26

0.4325	721.21	0.5836	916.96	0.7347	709.12	0.8858	756.69	-0.2337	422.37	-0.4733	471.01	-0.6841	489.25
0.4347	725.20	0.5858	917.76	0.7370		0.8881	759.51	-0.2372	434.62	-0.4769	451.99		
0.4370	734.69	0.5881	920.85	0.7392	709.22	0.8903	762.29	-0.2408	424.39		472.48	-0.6871	474.81
0.4392	734.50	0.5903	912.32	0.7414	710.02					-0.4804		-0.6901	478.25
0.4372				0.7414		0.8925		-0.2443	440.55	-0.4839	455.44	-0.6931	471.31
	737.75	0.5925	904.25	7. 1. 7. 7.	706.79	0.8947	779.23	-0.2478	431.60	-0.4874	459.30	-0.6961	473.41
0.4436	737.00	0.5947	896.66	0.7458	704.22	0.8969		-0.2513	446.06	-0.4910	456.40	-0.6991	461.31
0.4459	743.61	0.5970		0.7481	703.07	0.8992	786.90	-0.2549	444.51	-0.4945	450.96	-0.7021	467.86
0.4481	747.68	0.5992	897.27	0.7503	698.41	0.9014	789.09	-0.2584	451.85	-0.4980	469.55	-0.7051	473.45
0.4503	754.63	0.6014	897.35	0.7525	696.63	0.9036	787.86	-0.2619	462.87	-0.5015	457.74	-0.7080	483.39
0.4525	755.35	0.6036	887.47	0.7547	692.81	0.9058	798.40	-0.2654	460.31	-0.5050	462.07	-0.7110	477.78
0.4547	754.49	0.6058	881.12	0.7570	695.26	0.9081	805.09	-0.2690	479.31	-0.5086	453.00	-0.7140	457.65
0.4570	763.89	0.6081	884.15	0.7592	697.35	0.9103	812.23	-0.2725	474.98		454.75	-0.7170	453.64
0.4592	778.65	0.6103	885.38	0.7614	703.02	0.9125	819.24	-0.2760		-0.5121			400.04
0.4614	776.78			0.7636					492.07	-0.5156	455.24	-0.7200	464.62
		0.6125	881.62		686.28	0.9147	823.73	-0.2795	491.62	-0.5191	451.86	-0.7230	474.29
0.4636	780.66	0.6147	874.96	0.7658	692.57	0.9169	828.08	-0.2831	490.89	-0.5227	462.88	-0.7260	462.45
0.4659	786.30	0.6170	869.96	0.7681	692.25	0.9192	835.24	-0.2866	495.34	-0.5256	456.20	-0.7290	460.13
0.4681	790.93	0.6192	876.04	0.7703	695.27	0.9214	843.82	-0.2901	477.16	-0.5286	463.86	-0.7320	442.50
0.4703	794.46	0.6214	860.44	0.7725	683.58	0.9236	848.41	-0.2936	487.53	-0.5315	451.66	-0.7350	442.27
0.4725	799.20	0.6236	856.67	0.7747	689.33	0.9258	860.96	-0.2971	485.17	-0.5345	441.19	-0.7380	454.20
0.4747	801.69	0.6258	856.97	0.7770	686.40	0.9281	870.35	-0.3007	527.06	-0.5375	437.91	-0.7409	458.18
0.4770	810.55	0.6281	859.47	0.7792	688.23	0.9303	877.82	-0.3042	521.34	-0.5405	446.20	-0.7439	455.04
0.4792	802.68	0.6303	853.77	0.7814	687.17	0.9325	891.72	-0.3077	516.16	-0.5435	457.44	-0.7469	445.53
0.4814	809.12	0.6325	838.27	0.7836	693.32	0.9347	907.30	-0.3112	508.50	-0.5465			
0.4836	814.27	0.6347	842.35	0.7858	693.52	0.9369					456.84	-0.7499	449.64
	819.05						923.37	-0.3148	497.27	-0.5495	465.59	-0.7529	454.34
0.4859		0.6370	840.77	0.7881	687.39	0.9392	926.57	-0.3183	514.05	-0.5525	463.94	-0.7559	453.72
0.4881	823.18	0.6392	838.73	0.7903	686.91	0.9414	930.09	-0.3218	487.13	-0.5555	457.93	-0.7589	448.51
0.4903	826.16	0.6414	825.19	0.7925	682.25	0.9436	939.98	-0.3253	504.35	-0.5585	460.08	-0.7619	451.51
0.4925	830.70	0.6436	821.68	0.7947	675.66	0.9458	954.10	-0.3289	492.63	-0.5615	458.74	-0.7649	452.63
0.4947	841.75	0.6458	830.55	0.7969	679.88	0.9481	974.36	-0.3324	496.56	-0.5645	490.06	-0.7679	454.75
0.4970	843.02	0.6481	824.24	0.7992	681.75	0.9503	984.51	-0.3359	495.63	-0.5674	452.72	-0.7709	453.60
0.4992	846.95	0.6503	815.94	0.8014	675.18	0.9525	1005.72	-0.3394	477.18	-0.5704	448.91	-0.7739	444.88
0.5014	845.37	0.6525	811.12	0.8036	678.79		1021.38	-0.3430	495.66	-0.5734	460.87	-0.7768	442.92
0.5036	854.35	0.6547	808.01	0.8058	682.13		1083.10	-0.3465	468.56	-0.5764	466.82	-0.7798	450.60
0.5059	861.32	0.6570	806.08	0.8081	681.41		1195.88	-0.3500	495.26	-0.5794	465.88	-0.7828	448.08
0.5081	860.08	0.6592	807.61	0.8103	682.37	0.7072	1170.00	-0.3535	469.79	-0.5824	475.14	-0.7858	442.09
0.5103	864.14	0.6614	796.41	0.8125	690.00	X/PL	NI	-0.3571	480.36				
0.5125	867.27	0.6636	796.19	0.8123			Nu			-0.5854	472.62	-0.7888	444.13
					688.67	-0.0103		-0.3606	482.72	-0.5884	464.92	-0.7918	439.57
0.5147	872.82	0.6658	793.87	0.8169	687.18	-0.0189	961.54	-0.3641	473.16	-0.5914	463.28	-0.7948	442.18
0.5170	873.29	0.6681	789.01	0.8192	689.47	-0.0274	855.54	-0.3676	475.04	-0.5944	464.06	-0.7978	446.03
0.5192	881.09	0.6703	787.16	0.8214	692.49	-0.0360	770.57	-0.3711	460.20	-0.5974	477.72	-0.8008	435.46
0.5214	884.12	0.6725	780.91	0.8236	694.50	-0.0445	675.83	-0.3747	479.44	-0.6003	473.96	-0.8038	437.45
0.5236	886.14	0.6747	782.48	0.8258	692.76	-0.0531	663.09	-0.3782	454.45	-0.6033	467.59	-0.8068	449.97
0.5259	884.41	0.6770	781.80	0.8281	692.81	-0.0616	645.91	-0.3817	472.44	-0.6063	476.29	-0.8098	444.02
0.5281	890.29	0.6792	777.48	0.8303	693.21	-0.0702	620.03	-0.3852	467.51	-0.6093	497.86	-0.8127	450.28
0.5303	899.09	0.6814	769.02	0.8325	697.06	-0.0787	607.61	-0.3888	459.62	-0.6123	513.04	-0.8157	449.52
0.5325	908.13	0.6836	769.48	0.8347	698.91	-0.0873	589.81	-0.3923	476.27	-0.6153	534.31	-0.8187	448.19
0.5347	905.43	0.6858	767.34	0.8369	701.04	-0.0958	562.44		451.13	-0.6183		-0.8217	
0.5370	012 44	0.6881	762.24		704.11	-0.1044	550.50	-0.3993	468.50	-0.6213	479.49	-0.8247	438.48
0.5392	910.40	0.6903	761.72	0.8414	703.20			-0.4029	458.24	-0.6243			
0.5414	916.56	0.6925	755.47	0.8436		-0.1130	534.50				480.92	-0.8277	447.20
					703.00	-0.1215	511.04	-0.4064	472.27	-0.6273	489.11	-0.8307	442.28
0.5436	922.02	0.6947	758.50	0.8458	709.28	-0.1301	507.15	-0.4099	463.48	-0.6303	477.75	-0.8337	442.61
0.5459	923.92	0.6970	757.62	0.8481	706.78	-0.1386	489.45	-0.4134	459.70	-0.6333	484.52	-0.8367	440.36
0.5481	923.93	0.6992	752.33	0.8503	704.30	-0.1472	483.33	-0.4170	472.91	-0.6362	478.78	-0.8397	445.64
0.5503	929.30	0.7014	743.19	0.8525	710.53	-0.1557	474.67	-0.4205	456.47	-0.6392	490.22	-0.8427	452.81
0.5525	932.36	0.7036	748.62	0.8547	710.70	-0.1643	460.49	-0.4240	466.68	-0.6422	475.28	-0.8457	449.35
0.5547	930.14	0.7058	744.42	0.8569	717,07	-0.1728	469.58	-0.4275	455.20	-0.6452	485.42	-0.8486	449.94
0.5570	945.16	0.7081	739.69	0.8592	718.23	-0.1814	454.10	-0.4310	461.55	-0.6482	493.16	-0.8516	453.83
	944.74	0.7103	735.31	0.8614	721.66	-0.1899	465.17	-0.4346	453.74	-0.6512	484.91	-0.8546	447.88
	945.37	0.7125	736.79	0.8636	726.13	-0.1985	455.11	-0.4381	465.45	-0.6542	489.10	-0.8576	451.44
	935.76	0.7147	736.58	0.8658	724.84	-0.1965		-0.4416	473.47	-0.6572	509.00	-0.8606	453.43
0.5658	936.62	0.7170	730.27	0.8681	723.54		453.06						
0.5681	-					-0.2055	446.13	-0.4451	455.23	-0.6602	510.66	-0.8636	464.41
	939.36	0.7192	732.99	0.8703	728.38	-0.2091	441.19	-0.4487	468.96	-0.6632	515.02	-0.8666	458.48
0.5703	941.21	0.7214	727.17	0.8725	728.08	-0.2126	445.80		453.47	-0.6662	497.25	-0.8696	456.25
0.5725	929.17	0.7236	727.58	0.8747	739.03	-0.2161	430.72	-0.4557	468.32	-0.6692	491.51	-0.8726	457.50
	929.62	0.7258	726.21	0.8769	742.52	-0.2196	447.74		461.14	-0.6721	485.30	-0.8756	457.42
	927.36		718.83	0.8792	737.39	-0.2232	426.77	-0.4628	459.53	-0.6751	483.69	-0.8786	454.56
0.5792		0.7303	716.15		748.03	-0.2267	426.83		466.05	-0.6781	477.54	-0.8816	459.22
0.5814	925.56	0.7325	712.65	0.8836	752.99	-0.2302	428.44	-0.4698	457.02	-0.6811	463.95	-0.8845	465.41

-		466.61 462.29 465.21	0.0907 0.0926 0.0946	0.2314 0.2318 0.2268	0.2225 0.2244 0.2263	0.2359 0.2367 0.2349	0.4681 0.4703 0.4726	0.1730 0.1674 0.1657	0.6192 0.6215 0.6237	0.1468 0.1403 0.1398	0.7703 0.7726 0.7748	0.0975 0.0880 0.0988	0.9214 0.9237 0.9259	0.0416 0.0387 0.0487
	-0.8965	466.72	0.0965	0.2204	0.2283	0.2358	0.4748	0.1663	0.6259 0.6281	0.1419 0.1464	0.7770 0.7792	0.0863 0.0870	0.9281 0.9303	0.0494 0.0467
	-0.8995 -0.9025	471.19 471.00	0.0984 0.1004	0.2260 0.2266	0.2302 0.2302	0.2348 0.2301	0.4770 0.4792	0.1730 0.1604	0.6303	0.1471	0.7814	0.0948	0.9325	0.0482
	-0.9055	476.29	0.1023	0.2237	0.2334	0.2340	0.4815	0.1681	0.6326	0.1391 0.1420	0.7837 0.7859	0.0964 0.0968	0.9348 0.9370	0.0487 0.0511
		479.16 485.82	0.1043 0.1062	0.2210 0.2256	0.2366 0.2398	0.2374 0.2299	0.4837 0.4859	0.1667 0.1605	0.6348 0.6370	0.1420	0.7881	0.0366	0.9392	0.0474
	-0.9145	487.08	0.1081	0.2289	0.2430	0.2312	0.4881	0.1619	0.6392	0.1382	0.7903	0.0952 0.0911	0.9414 0.9437	0.0457 0.0479
	-0.9174	488.95 493.81	0.1101 0.1120	0.2262 0.2292	0.2462 0.2494	0.2331 0.2345	0.4903 0.4926	0.1690 0.1634	0.6415 0.6437	0.1405 0.1355	0.7926 0.7948	0.0627	0.9459	0.0453
	-0.9204 -0.9234	499,48	0.1120	0.2250	0.2526	0.2326	0.4948	0.1656	0.6459	0.1443	0.7970	0.0780	0.9481	0.0546
	-0.9264	502.11	0,1159	0.2289	0.2558	0.2279 0.2365	0.4970 0.4992	0.1666 0.1632	0.6481 0.6503	0.1345 0.1363	0.7992 0.8014	0.0885 0.0775	0.9503 0.9525	0.0519 0.0517
	-0.9294 -0.9324	507. 4 0 513.13	0.1178 0.1198	0.2293 0.2258	0.2590 0.2622	0.2430	0.5015	0.1601	0.6526	0.1426	0.8037	0.0752	0.9548	0.0397
	-0.9354	517.13	0.1217	0.2219	0.2654	0.2449	0.5037	0.1640	0.6548 0.6570	0.1390 0.1397	0.8059 0.8081	0.0741 0.0819	0.9570 0.9592	0.0419 0.0570
	-0.9384 -0.9414	522.98 529.04	0.1236 0.1256	0.2296 0.2279	0.2686 0.2718	0.2592 0.2642	0.5059 0.5081	0.1673 0.1589	0.6570	0.1398	0.8103	0.0810		0.0070
	-0.9444	535.14	0.1275	0.2254	0.2750	0.2791	0.5103	0.1660	0.6615	0.1298	0.8126	0.0758	X/PL	η 0.2681
	-0.9474	542.56	0.1294	0.2242 0.2287	0.2782 0.2814	0.3129 0.3148	0.5126 0.5148	0.1736 0.1712	0.6637 0.6659	0.1237 0.1211	0.8148 0.8170	0.0754 0.0811	-0.0103 -0.0188	0.2840
	-0.9504 -0.9533	548.01 552.89	0.1314	0.2424	0.2846	0.3096	0.51 <i>7</i> 0	0.1581	0.6681	0.1340	0.8192	0.0881	-0.0274	0.3034
	-0.9563	558.62	0.1353	0.2558	0.2878	0.3177 0.2679	0.5192 0.5215	0.1679 0.1599	0.6703 0.6726	0.1387 0.1241	0.8214 0.8237	0.0810 0.0851	-0.0359 -0.0445	0.3219 0.3289
	-0.9593 -0.9623	563.18 568.21	0.1372 0.1391	0.2617 0.2891	0.2910 0.2942	0.2529	0.5237	0.1601	0.6748	0.1208	0.8259	0.0850	-0.0530	0.3348
	-0.9653	573.97	0.1411	0.3212	0.2974	0.2415	0.5259	0.1571 0.1579	0.6770	0.1246 0.1280	0.8281 0.8303	0.0850 0.0837	-0.0616 -0.0701	0.3288 0.3272
	-0.9683 -0.9713	576.49 583.41	0.1430 0.1449	0.2878 0.2645	0.3006 0.3038	0.2621 0.2481	0.5281 0.5303	0.1579	0.6792 0.6814	0.1266	0.8326	0.0921	-0.0787	0.3308
	-0.9743	592.87	0.1469	0.2526	0.3069	0.2732	0.5326	0.1644	0.6837	0.1156	0.8348	0.0876 0.0890	-0.0872 -0.0958	0.3318 0.3181
	-0.9773	605.27 623.76	0.1488 0.1508	0.2582 0.2658	0.3837 0.3859	0.1985 0.1980	0.5348 0.5370	0.1492 0.1600	0.6859 0.6881	0.1105 0.1130	0.8370 0.8392	0.0992	-0.1044	0.3200
	-0.9803 -0.9833	648.34	0.1527	0.2374	0.3881	0.1978	0.5392	0.1546	0.6903	0.1294	0.8414	0.0956	-0.1129	0.3126
	-0.9863	685.74	0.1546	0.2292	0.3904 0.3926	0.1969 0.1933	0.5415 0.5437	0.1522 0.1512	0.6926 0.6948	0.1121 0.1143	0.8437 0.8459	0.0863 0.0929	-0.1215 -0.1300	0.3037 0.2938
	-0.9892 -0.9922	719.98 750.86	0.1566 0.1585	0.2250 0.2312	0.3948	0.1956	0.5459	0.1503	0.6970	0.1142	0.8481	0.0866	-0.1386	0.2888
			0.1605	0.2321	0.3970	0.1916	0.5481 0.5503	0.1547 0.1582	0.6992 0.7014	0.1173 0.1094	0.8503 0.8526	0.0813 0.0886	-0.1471 -0.1557	0.2857 0.2806
	CASE S	S – n	0.1624 0.1643	0.2351 0.2357	0.3992 0.4015	0.1961 0.1915	0.5526	0.1570	0.7037	0.1240	0.8548	0.0876	-0.1642	0.2776
			0.1663	0.2258	0.4037	0.1948	0.5548	0.1490	0.7059 0.7081	0.1183 0.1175	0.8570 0.8592	0.0927 0.0809	-0.1728 -0.1813	0.2708 0.2714
	X/SL 0.0384	η 0.4415	0.1682 0.1701	0.2355 0.2298	0.4059 0.4081	0.1922 0.1886	0.5570 0.5592	0.1614 0.1526	0.7103	0.1173	0.8614	0.0790	-0.1899	0.2656
	0.0403	0.4556	0.1721	0.2398	0.4104	0.1874	0.5615	0.1566	0.7126	0.1167	0.8637 0.8659	0.0802 0.0666	-0.1984 -0.2020	0.2670 0.2581
	0.0422 0.0442	0.4514 0.4583	0.1740 0.1760	0.2405 0.2382	0.4126 0.4148	0.1886 0.1878	0.5637 0.5659	0.1549 0.1560	0.7148 0.7170	0.1192 0.1112	0.8681	0.0675	-0.2055	0.2585
	0.0442	0.4565	0.1779	0.2358	0.4170	0.1856	0.5681	0.1526	0.7192	0.1259	0.8703	0.0742 0.0641	-0.2090	0.2653 0.2674
	0.0481	0.4275	0.1798 0.1818	0.2421 0.2374	0.4192 0.4215	0.1861 0.1861	0.5703	0.1518 0.1446	0.7214 0.7237	0.1081 0.1066	0.8726 0.8748	0.0727	-0.2125 -0.2161	0.2074
	0.0500 0.0519	0.3786 0.3499	0.1837	0.2459	0.4237	0.1872	0.5748	0.1575	0.7259	0.1062	0.8770	0.0734	-0.2196	0.2692
	0.0539	0.3456	0.1856	0.2479 0.2352	0.4259 0.4281	0.1950 0.1839	0.5770 0.5792	0.1503 0.1506	0.7281	0.1042 0.1022	0.8792 0.8814	0.0636 0.0672	-0.2231 -0.2266	0.2644 0.2472
	0.0558 0.0577	0.3276 0.2757	0.1876 0.1895	0.2362	0.4304	0.1916	0.5815	0.1498	0.7326	0.1089	0.8837	0.0628	-0.2302	0.2447
	0.0597	0.2759	0.1915	0.2371	0.4326	0.1830 0.1710	0.5837 0.5859	0.1470 0.1518	0.7348	0.0901 0.0971	0.8859 0.8881	0.0586 0.0581	-0.2337 -0.2372	0.2323 0.2256
	0.0616 0.0636	0.2831 0.2862	0.1934 0.1953	0.2377 0.2375	0.4348 0.4370	0.1710	0.5881	0.1544	0.7392	0.0972	0.8903	0.0595	-0.2407	0.2195
	0.0655	0.2742	0.1973	0.2366	0.4392	0.1765	0.5903	0.1490 0.1487	0.741 <i>4</i> 0.7437	0.1065 0.1061	0.8926 0.8948	0.0554 0.0534	-0.2442 -0.2478	0.2117 0.2053
	0.0674 0.0694	0.2625 0.2615	0.1992 0.2011	0.2387 0.2383	0.4415 0.4437	0.1749 0.1706	0.5926 0.5948	0.1530	0.7459	0.1018	0.8970	0.0436	-0.2513	0.2015
	0.0713 ·	0.2642	0.2031	0.2339	0.4459	0.1673	0.5970		0.7481 0.7503	0.0988 0.1006	0.8992 0.9014	0.0494 0.0516	-0.2548 -0.2583	0.1980 0.1978
	0.0732 0.0752	0.2504 0.2432	0.2050 0.2070	0.2343 0.2345	0.4481 0.4503	0.1642 0.1702	0.5992 0.6015	0.1458 0.1521	0.7526	0.0960	0.9037	0.0457	-0.2619	0.1936
	0.0771	0.2401	0.2089	0.2403	0.4526	0.1708	0.6037	0.1445	0.7548	0.0873	0.9059	0.0516 0.0516	-0.2654 -0.2689	0.1939 0.1910
	0.0791	0.2335 0.2376	0.2108 0.2128	0.2350 0.2385	0.4548 0.4570	0.1727 0.1692	0.6059 0.6081	0.1373	0.7570 0.7592	0.0883 0.0911	0.9081 0.9103	0.0514	-0.2724	0.1909
	0.0810 0.0829	0.2360	0.2147	0.2287	0.4592	0.1783	0.6103	0.1459	0.7614	0.1112	0.9126	0.0457	-0.2760 -0.2795	0.1913 0.1968
	0.0849	0.2355	0.2166 0.2186	0.2382 0.2333	0.4615 0.4637	0.1794 0.1803	0.6126 0.6148		0.7637 0.7659	0.0858 0.0966	0.9148 0.9170	0.0471 0.0430	-0.2795 -0.2830	0.1956
	0.0868 0.0888	0.2355 0.2348	0.2205		0.4659	0.1820	0.6170		0.7681	0.0932	0.9192		-0.2865	

-0.2901	0.2087	-0.5285	0.1378	-0.7319	0.0519	0.0252	0.0470	0.1017	E / O OO	0.0/50			
-0.2936						-0.9353				0.2653		0.5036	
		-0.5315		-0.7349		-0.9383		0.1236		0.2685		0.5059	
-0.2971		-0.5345				-0.9413		0.1255		0.2717	630.37	0.5081	859.87
-0.3006		-0.5375				-0.9443		0.1275	557.08	0.2749	623.09	0.5103	857.76
-0.3041		-0.5405		-0.7439	0.0629	-0.9473	0.0557	0.1294	565.02	0.2781	635.88	0.5125	
-0.3077	0.2327	-0.5435	0.1197	-0.7469	0.0500	-0.9503	0.0555	0.1313		0.2813		0.5147	
-0.3112	0.2402	-0.5465	0.1224	-0.7499		-0.9533		0.1333		0.2845			
-0.3147		-0.5494		-0.7529		-0.9563		0.1352				0.5170	
-0.3182		-0.5524		-0.7559						0.2877	619.19	0.5192	
						-0.9593		0.1371	603.09	0.2909		0.5214	
-0.3218		-0.5554		-0.7588		-0.9623		0.1391	577.56	0.2941	620.17	0.5236	883.71
-0.3253		-0.5584		-0.7618		-0.9653		0.1410		0.2973	619.03	0.5259	877.60
-0.3288		-0.5614	0.1131	-0.7648	0.0504	-0.9683	0.0404	0.1430	535.02	0.3005	609.38	0.5281	878.81
-0.3323	0.2073	-0.5644	0.1509	-0.7678	0.0536	-0.9712	0.0385	0.1449	538.56	0.3037	614.45	0.5303	889.52
-0.3359	0.2093	-0.5674	0.1152	-0.7708	0.0512	-0.9742		0.1468	557.81	0.3069	649.94	0.5325	890.54
-0.3394		-0.5704	0.1070	-0.7738	0.0409	-0.9772		0.1488	546.09	0.3836	760.06		
-0.3429		-0.5734	0.1238	-0.7768	0.0380	-0.9802		0.1507	535.98			0.5347	896.47
-0.3464	0.1857	-0.5764	0.1391	-0.7798	0.0428					0.3859	761.33	0.5370	898.25
-0.3500	0.1862					-0.9832		0.1526	529.63	0.3881	761.99	0.5392	904.30
		-0.5794	0.1414	-0.7828	0.0412	-0.9862		0.1546	519.37	0.3903	760.92	0.5414	908.00
-0.3535	0.1804	-0.5823	0.1536	-0.7858	0.0315	-0.9892		0.1565	520.21	0.3925	763.30	0.5436	909.53
-0.3570	0.1741	-0.5853	0.1497	-0.7888	0.0376	-0.9922	0.0570	0.1585	519.48	0.3947	767.80	0.5459	914.87
-0.3605	0.1753	-0.5883	0.1266	-0.7918	0.0271			0.1604	524.61	0.3970	769.54	0.5481	917.46
-0.3640	0.1596	-0.5913	0.1241	-0.7947	0.0298			0.1623	526.61	0.3992	769.57	0.5503	914.15
-0.3676	0.1575	-0.5943	0.1292	-0.7977	0.0310	CASE '	T – Nu	0.1643	536.80	0.4014	777.10		
-0.3711	0.1565	-0.5973	0.1398	-0.8007	0.0232	47.44		0.1662	550.88			0.5525	919.48
-0.3746	0.1504	-0.6003	0.1309	-0.8037	0.0257	X/SL	NI.			0.4036	777.98	0.5547	921.22
							Nu	0.1682	564.63	0.4059	776.43	0.5570	921.69
-0.3781	0.1368	-0.6033	0.1290	-0.8067	0.0366		1104.24	0.1701	573.26	0.4081	781.96	0.5592	927.74
-0.3817	0.1373	-0.6063	0.1387	-0.8097	0.0286	0.0403	961.46	0.1720	587.64	0.4103	779.30	0.5614	929.51
-0.3852	0.1455	-0.6093	0.1574	-0.8127	0.0376	0.0422	912.35	0.1740	603.54	0.4125	779.68	0.5636	926.87
-0.3887	0.1360	-0.6123	0.1767	-0.8157	0.0392	0.0441	893.83	0.1759	613.91	0.4147	774.78	0.5658	924.62
-0.3922	0.1423	-0.6153	0.1952	-0.8187	0.0336	0.0461	891.39	0.1778	615.88	0.4170	772.50	0.5681	929.32
-0.3958	0.1423	-0.6182	0.1747	-0.8217	0.0290	0.0480	844.23	0.1798	628.31	0.4192	776.38	0.5703	928.58
-0.3993	0.1284	-0.6212	0.1359	-0.8247	0.0200	0.0499	827.89	0.1817	633.87				
-0.4028	0.1368	-0.6242	0.1334	-0.8277	0.0200	0.0519	773.70	0.1837		0.4214	778.61	0.5725	926.23
-0.4063	0.1225	-0.6272	0.1401	-0.8306					644.99	0.4236	776.70	0.5747	912.93
					0.0227	0.0538	758.45	0.1856	645.10	0.4259	781.66	0.5770	916.08
-0.4099	0.1339	-0.6302	0.1286	-0.8336	0.0248	0.0558	731.98	0.1875	644.70	0.4281	784.77	0.5792	918.93
-0.4134	0.1247	-0.6332	0.1389	-0.8366	0.0235	0.0577	746.01	0.1895	647.23	0.4303	785.36	0.5814	917.10
-0.4169	0.1314	-0.6362	0.1325	-0.8396	0.0248	0.0596	735.64	0.1914	649.60	0.4325	785.26	0.5836	902.53
-0.4204	0.1281	-0.6392	0.1423	-0.8426	0.0336	0.0616	725.71	0.1933	659.17	0.4347	787.00	0.5858	903.73
-0.4240	0.1162	-0.6422	0.1270	-0.8456	0.0296	0.0635	730.46	0.1953	656.81	0.4370	789.12	0.5881	906.03
-0.4275	0.1263	-0.6452	0.1377	-0.8486	0.0348	0.0654	732.83	0.1972	648.29	0.4392	794.20	0.5903	896.64
-0.4310	0.1091	-0.6482	0.1420	-0.8516	0.0405	0.0674	724.88	0.1992	659.53	0.4414	788.78	0.5925	
-0.4345	0.1076	-0.6512	0.1356	-0.8546	0.0312	0.0693							888.96
-0.4380	0.1140	-0.6541	0.1432				710.28	0.2011	658.96	0.4436	793.99	0.5947	886.16
				-0.8576	0.0358	0.0713	702.03	0.2030	659.11	0.4459	793.48	0.5970	888.23
-0.4416	0.1118	-0.6571	0.1606	-0.8606	0.0395	0.0732	701.04	0.2050	657.47	0.4481	792.88	0.5992	886.80
-0.4451	0.1088	-0.6601	0.1671	-0.8636	0.0549	0.0751	690.97	0.2069	654.67	0.4503	791.13	0.6014	880.23
-0.4486	0.1060	-0.6631	0.1684	-0.8665	0.0432	0.0771	682.47	0.2088	657.82	0.4525	795.72	0.6036	873.00
-0.4521	0.1032	-0.6661	0.1438	-0.8695	0.0349	0.0790	678.12	0.2108	660.83	0.4547	793.97	0.6058	875.73
-0.4557	0.0990	-0.6691	0.1347	-0.8725	0.0377	0.0810	672.72	0.2127	658.60		796.09	0.6081	877.95
-0.4592	0.1044	-0.6721	0.1316	-0.8755	0.0319	0.0829	657.26	0.2147	654.63	0.4592	805.54	0.6103	873.68
-0.4627	0.0971	-0.6751	0.1317	-0.8785	0.0200	0.0848	644.91	0.2166	651.73	0.4614	804.11	0.6125	869.42
-0.4662	0.1026	-0.6781	0.1223	-0.8815	0.0267	0.0868	636.59	0.2185	650.70				
-0.4698	0.1093		0.0995							0.4636	804.34	0.6147	862.48
		-0.6811		-0.8845	0.0316	0.0887	637.89	0.2205	647.66	0.4659	812.50	0.6170	862.23
-0.4733	0.1020	-0.6841	0.1210	-0.8875	0.0280	0.0906	620.70	0.2224	640.33	0.4681	815.24	0.6192	863.18
-0.4768	0.1078	-0.6871	0.1050	-0.8905	0.0201	0.0926	610.40	0.2243	634.34	0.4703	812.09	0.6214	853.88
-0.4803	0.1074	-0.6900	0.1179	-0.8935	0.0252	0.0945	602.55	0.2263	628.61	0.4725	808.42	0.6236	844.76
-0.4839	0.1008	-0.6930	0.1086	-0.8965	0.0276	0.0965	598.33	0.2282	630.53	0.4747	816.79	0.6258	833.44
-0.4874	0.0918		0.1109	-0.8995	0.0345	0.0984	595.90	0.2302	630.21		816.11	0.6281	839.71
-0.4909	0.0971		0.0987	-0.9024	0.0307	0.1003	587.98	0.2302	620.64		820.02	0.6303	
-0.4944	0.0942		0.1021	-0.9054	0.0284	0.1003	578.25						833.08
	0.1042		0.1021					0.2334	624.61		817.94	0.6325	828.44
					0.0372	0.1042	570.89	0.2366	625.36		820.59	0.6347	819.85
	0.1158		0.1190		0.0513	0.1061	566.24	0.2398	626.21		830.59	0.6370	825.61
-0.5076	0.1095		0.1128		0.0462	0.1081	564.32	0.2430	627.47	0.4881	830.13	0.6392	826.08
-0.5106	0.1083		0.0858	-0.9174	0.0433	0.1100	572.64	0.2461	626.00	0.4903	835.65	0.6414	817.03
	0.1033	-0.7170	0.0789	-0.9204	0.0439	0.1120	572.74	0.2493	631.18		830.88	0.6436	817.80
	0.1148		0.0863	-0.9234	0.0413	0.1139	555.57	0.2525	627.53		839.87	0.6458	815.60
	0.1045		0.0988		0.0407	0.1158	551.38	0.2557	628.41		839.38	0.6481	818.65
	0.1105				0.0438	0.1178	565.24	0.2589	628.62				
	0.1169				0.0435						846.38	0.6503	808.81
5.0200	Q. 1 1U7	J.7 207	0.0040	-0.7024	0.0440	0.1197	568.53	0.2621	635.04	0.5014	846.90	0.6525	808.71

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				/-	1000 10	0.04/5	450.10	0.5004	Ant de	-0.7858	421.63	-0.9892	664.34
0.6547	806.04	0.8058	696.31		1099.13 1203.16	-0.3465 -0.3500	450.13 467.65	-0.5824 -0.5854	426.86 424.14	-0.7888	422.01	-0.9922	687.70
0.6570 0.6592	801.87 797.33	0.8081 0.8103	698.37 686.85	0.9092	1205.10	-0.3535	449.08	-0.5884	421.99	-0.7918	430.19	•	
0.6614	793.16	0.8125	692.81	X/PL	Nu	-0.3571	466.04	-0.5914	432.15	-0.7948	427.15		
0.6636	801.39	0.8147	696.53	-0.0103	920.00	-0.3606	455.97	-0.5944	422.62	-0.7978	417.61	<u>CASE</u>	<u>r – n</u>
0.6658	798.19	0.8169	696.76	-0.0189	840.00	-0.3641	464.58	-0.5974	427.60	-0.8008	420.56	N/ /01	_
0.6681	788.51	0.8192	697.19	-0.0274	791.00	-0.3676	461.34	-0.6003	419.89	-0.8038	422.33 434.04	X/\$L 0.0384	η 0.3840
0.6703	787.56	0.8214	694.95	-0.0360	778.49	-0.3711	451.15 469.48	-0.6033 -0.6063	421.49 431.06	-0.8068 -0.8098	447.82	0.0364	0.3841
0.6725	791.76	0.8236	702.16	-0.0445 -0.0531	743.15	-0.3747 -0.3782	447.19	-0.6093	431.30	-0.8127	457.85	0.0422	0.4072
0.6747 0.6770	787.49 777.91	0.8258 0.8281	699.57 700.02	-0.0531	701.19 652.55	-0.3817	469.02	-0.6123	442.73	-0.8157	442.51	0.0442	0.3898
0.6792	784.00	0.8303	703.92	-0.0702	603.86	-0.3852	451.97	-0.6153	443.12	-0.8187	438.18	0.0461	0.3612
0.6814	774.15	0.8325	704.81	-0.0787	566.04	-0.3888	462.81	-0.6183	449.72	-0.8217	434.95	0.0481	0.3550
0.6836	771.75	0.8347	709.06	-0.0873	539.24	-0.3923	454.15	-0.6213	453.30	-0.8247	438.61	0.0500	0.3284
0.6858	768.65	0.8369	706.99	-0.0958	512.00	-0.3958	452.16	-0.6243	433.02	-0.8277 -0.8307	434.60 443.78	0.0519 0.0539	0.2533 0.2048
0.6881	769.25	0.8392	705.02	-0.1044	496.64	-0.3993	466.26 441.34	-0.6273 -0.6303	428.60 431.29	-0.8337	433.18	0.0558	0.2040
0.6903	769.00	0.8414	707.16 713.94	-0.1130 -0.1215	494.67 463.65	-0.4029 -0.4064	467.82	-0.6333	436.55	-0.8367	431.16	0.0577	0.1468
0.6925 0.6947	765.50 761.15	0.8436 0.8458	718.48	-0.1213	466.39	-0.4099	452.31	-0.6362	437.69	-0.8397	431.25	0.0597	0.1592
0.6970	767.03	0.8481	709.96	-0.1386	444.81	-0.4134	464.01	-0.6392	433.62	-0.8427	442.06	0.0616	0.1419
0.6992	756.48	0.8503	708.40	-0.1472	449.17	-0.4170	453.32	-0.6422	439.28	-0.8457	439.40	0.0636	0.1448
0.7014	755.76	0.8525	713.33	-0.1557	437.51	-0.4205	451.99	-0.6452	445.20	-0.8486	440.42	0.0655	0.1548 0.1506
0.7036	753.72	0.8547	719.20	-0.1643	429.56	-0.4240	467.08	-0.6482	442.44 439.57	-0.8516 -0.8546	446.34 450.10	0.0674 0.0694	0.1514
0.7058	756.08	0.8569	717.14	-0.1728	438.70 422.52	-0.4275 -0.4310	441.59 467.25	-0.6512 -0.6542	433.34	-0.8576	447.74	0.00713	0.1343
0.7081 0.7103	747.83 746.48	0.8592 0.8614	719.77 726.64	-0.1814 -0.1899	440.93	-0.4346	449.79	-0.6572	433.80	-0.8606	473.71	0.0732	0.1396
0.7125	748.83	0.8636	731.51	-0.1985	425.91	-0.4381	469.50	-0.6602	444.71	-0.8636	471.93	0.0752	0.1294
0.7147	746.49	0.8658	732.11	-0.2020	434.19	-0.4416	454.27	-0.6632	453.28	-0.8666	463.10	0.0771	0.1120
0.7170	749.32	0.8681	732.91	-0.2055	421.98	-0.4451	457.56	-0.6662	450.55	-0.8696	452.49	0.0791	0.1141 0.1189
0.7192	751.43	0.8703	738.41	-0.2091	420.47	-0.4487	465.75	-0.6692 -0.6721	448.65 448.78	-0.8726 -0.8756	450.02 463.28	0.0810	0.1169
0.7214	752.71	0.8725	739.06 746.67	-0.2126	415.00 404.14	-0.4522 -0.4557	447.02 469.84	-0.6751	449.17	-0.8786	455.81	0.0849	0.1094
0.7236 0.7258	740.52 739.67	0.8747 0.8769	752.65	-0.2161 -0.2196	420.18	-0.4592	448.66	-0.6781	452.03	-0.8816	467.65	0.0868	0.1054
0.7281	730.48	0.8792	751.26	-0.2232	404.63	-0.4628	461.76	-0.6811	448.85	-0.8845	460.99	0.0888	0.1273
0.7303	732.47	0.8814	758.67	-0.2267	413.80	-0.4663	451.65	-0.6841	441.46	-0.8875	462.24	0.0907	0.1111
0.7325	731.74	0.8836	761.34	-0.2302	409.12	-0.4698	450.00	-0.6871	445.73	-0.8905	465.95 480.36	0.0926 0.0946	0.1142 0.1062
0.7347	716.57	0.8858	770.81	-0.2337	419.72	-0.4733 -0.4769	451.61 441.18	-0.6901 -0.6931	436.00 451.76	-0.8935 -0.8965	476.11	0.0946	0.1102
0.7370 0.7392	723.39 715.58	0.8881 0.8903	770.73 777.45	-0.2372 -0.2408	423.81 420.62	-0.4709	458.36	-0.6961	440.41	-0.8995	487.21	0.0984	0.1202
0.7392	719.41	0.8925	785.29	-0.2443	436.95	-0.4839	439.84	-0.6991	447.12	-0.9025	481.06	0.1004	0.1214
0.7436	706.87	0.8947	787.27	-0.2478	428.16	-0.4874	457.19	-0.7021	437.29	-0.9055	487.60	0.1023	0.1125
0.7458	708.21	0.8969	798.47	-0.2513	448.33	-0.4910	441.44	-0.7051	436.07	-0.9085	481.67	0.1043	0.1051 0.1084
0.7481	712.96	0.8992	801.69	-0.2549	442.38	-0.4945	449.54	-0.7080 -0.7110	445.19 452.83	-0.9115 -0.9145	481.41 490.89	0.1062 0.1081	0.1084
0.7503	715.14	0.9014	800.96	-0.2584	456.22	-0.4980 -0.5015	448.75 433.31	-0.7140	451.42	-0.9174	495.66	0.1101	0.1065
0.7525 0.7547	716.84 711.41	0.9036 0.9058	806.51 809.13	-0.2619 -0.2654	462.29 460.80	-0.5050	446.11	-0.7170	445.64	-0.9204	497.80	0.1120	0.1086
0.7570	711.82	0.9081	819.85	-0.2690	449.52	-0.5086	438.08	-0.7200	446.41	-0.9234	497.45	0.1139	0.1257
0.7592	709.16	0.9103	825.05	-0.2725	469.95	-0.5121	450.65	-0.7230	448.54	-0.9264	498.37	0.1159	0.1099
0.7614	702.58	0.9125	834.34	-0.2760	478.12	-0.5156	434.65	-0.7260	454.84	-0.9294	504.38 509.15	0.1178 0.1198	0.1049 0.1131
0.7636	700.72	0.9147	835.00	-0.2795	467.11	-0.5191 -0.5227	448.94 443.23	-0.7290 -0.7320	457.34 446.54	-0.9324 -0.9354	518.45	0.1178	0.1186
0.7658 0.7681	695.36 693.73	0.9169 0.9192	842.40 848.70	-0.2831 -0.2866	469.10 473.50	-0.5262	438.99	-0.7350	433.44	-0.9384	522.45	0.1236	0.1173
0.7703	702.52	0.9214	856.85	-0.2901	464.74	-0.5297	440.89	-0.7380	430.04	-0.9414	526.50	0.1256	0.1239
0.7725	700.47	0.9236	868.74	-0.2936	466.58	-0.5332	425.21	-0.7409	434.46	-0.9444	533.86	0.1275	0.1246
0.7747	698.06	0.9258	876.03	-0.2971	438.87	-0.5368	438.81	-0.7439	438.67	-0.9474	538.88	0.1294	0.1374
0.7770	703.60	0.9281	886.84	-0.3007	465.96	-0.5403	430.10	-0.7469	438.99 440.85	-0.9504 -0.9533	546.31 551.39	0.1314 0.1333	0.1412 0.1507
0.7792	702.58	0.9303	889.17	-0.3042		-0.5438 -0.5473	434.41 421.00	-0.7499 -0.7529	444.92	-0.9563	556.72	0.1353	0.1627
0.7814 0.7836	704.76 707.02	0.9325 0.9347	902.36 916.25	-0.3077 -0.3112	455.72 442.48	-0.5509	422.87	-0.7559	435.84	-0.9593	562.62	0.1372	0.1981
0.7858	707.52	0.9369	939.69	-0.3148	446.65	-0.5544	430.49	-0.7589	429.82	-0.9623	572.46	0.1391	0.2522
0.7881	697.26	0.9392	951.91	-0.3183	453.97	-0.5579	418.16	-0.7619	438.95	-0.9653	578.47	0.1411	0.2769
0.7903	699.11	0.9414	954.01	-0.3218	437.27	-0.5614	423.75	-0.7649	433.48	-0.9683 -0.9713	584.48 592.00	0.1430 0.1449	0.3087 0.3158
0.7925	701.05	0.9436	960.63	-0.3253		-0.5649 -0.5685	420.65 431.40	-0.7679 -0.7709	439.93 440.92	-0.9713 -0.9743	601.43	0.1449	0.3441
0.7947 0.7969	702.96 700.72	0.9458 0.9481	975.34 990.51	-0.3289 -0.3324		-0.5720	423.15	-0.7739	439.16	-0.9773	612.69	0.1488	0.3553
0.7992	698.45		1001.47	-0.3359		-0.5734	428.40	-0.7768	440.31	-0.9803	624.39	0.1508	0.3529
0.8014	693.32	0.9525	1025.96	-0.3394	452.05	-0.5764	423.58	-0.7798	437.66	-0.9833	635.08	0.1527	0.3538
0.8036	694.45	0.9547	1040.10	-0.3430	457.19	-0.5794	429.32	-0.7828	423.23	-0.9863	650.84	0.1546	0.3603

0.156	6 0.3573	0.3926	0.1081	0.5437	0.0709	0.6948	0.0481	0.8459	0.0329	-0.1300	0.2074	-0.4099	0.0869
0.158				0.5459									
		0.3948				0.6970			0.0221	-0.1386	0.1997	-0.4134	0.1006
0.160	5 0.3797	0.3970	0.1057	0.5481	0.0660	0.6992	0.0503	0.8503	0.0188	-0.1471	0.2085	-0.4169	0.0758
0.162	4 0.3743	0.3992	0.1019	0.5503	0.0586	0.7014	0.0492	0.8526	0.0228	-0.1557	0.2016	-0.4204	0.0826
0.164		0.4015		0.5526		0.7037			0.0191	-0.1642	0.2044	-0.4240	0.0838
0.166	3 0.3875	0.4037	0.1052	0.5548	0.0601	0.7059	0.0535	0.8570	0.0170	-0.1728	0.1977	-0.4275	0.0645
0.1682	0.3935	0.4059		0.5570		0.7081	0.0434		0.0190	-0.1813	0.1961	-0.4310	0.0861
0.170		0.4081	0.1044	0.5592		0.7103		0.8614	0.0246	-0.1899	0.2023	-0.4345	0.0707
0.172	0.3791	0.4104	0.0987	0.5615	0.0622	0.7126	0.0462	0.8637	0.0226	-0.1984	0.1981	-0.4380	0.0853
0.1740	0.3796	0.4126	0.1131	0.5637	0.0699	0.7148	0.0404	0.8659	0.0255	-0.2020	0.2064	-0.4416	0.0662
-													
0.1760		0.4148	0.1001	0.5659		0.7170		0.8681	0.0257	-0.2055	0.2043	-0.4451	0.0795
0.1779	0.3623	0.4170	0.0922	0.5681	0.0598	0.7192	0.0606	0.8703	0.0263	-0.2090	0.2133	-0.4477	0.0906
0.1798	3 0.3558	0.4192	0.0940	0.5703	0.0629	0.7214	0.0554	0.8726	0.0252	-0.2125	0.1952	-0.4507	0.0796
0.1818		0.4215	0.0967	0.5726	0.0732	0.7237	0.0553	0.8748	0.0307	-0.2161	0.1806	-0.4537	0.0738
0.1837	0.3435	0.4237	0.1000	0.5748	0.0601	0.7259	0.0604	0.8770	0.0307	-0.2196	0.1703	-0.4567	0.0732
0.1856		0.4259	0.1054	0.5770	0.0635	0.7281	0.0479	0.8792	0.0283	-0.2231	0.1593	-0.4597	0.0729
0.1876		0.4281	0.0999	0.5792	0.0559	0.7303	0.0469	0.8814	0.0315	-0.2266	0.1780	-0.4627	0.0697
0.1895	0.3265	0.4304	0.0958	0.5815	0.0683	0.7326	0.0552	0.8837	0.0263	-0.2302	0.1669	-0.4657	0.0594
0.1915	0.3108	0.4326	0.1135	0.5837	0.0559	0.7348	0.0456	0.8859	0.0297	-0.2337	0.1945	-0.4687	0.0500
0.1934		0.4348	0.1117	0.5859	0.0653	0.7370	0.0535	0.8881	0.0258	-0.2372	0.1796	-0.4717	0.0425
0.1953	0.2964	0.4370	0.0999	0.5881	0.0620	0.7392	0.0521	0.8903	0.0278	-0.2407	0.1832	-0.4747	0.0577
0.1973	0.2827	0.4392	0.1001	0.5903	0.0526	0.7414	0.0404	0.8926	0.0234	-0.2442	0.1753	-0.4776	0.0535
0.1992		0.4415	0.0900	0.5926	0.0579	0.7437	0.0444	0.8948	0.0193	-0.2478	0.1680	-0.4806	0.0601
0.2011	0.2830	0.4437	0.0901	0.5948	0.0656	0.7459	0.0443	0.8970	0.0264	-0.2513	0.1745	-0.4836	0.0524
0.2031	0.2783	0.4459	0.0981	0.5970	0.0754	0.7481	0.0411	0.8992	0.0302	-0.2548	0.1587	-0.4866	0.0440
0.2050		0.4481											
			0.0893	0.5992	0.0690	0.7503	0.0475	0.9014	0.0229	-0.2583	0.1681	-0.4896	0.0436
0.2070	0.2687	0.4503	0.0857	0.6015	0.0649	0.7526	0.0532	0.9037	0.0248	-0.2619	0.1585	-0.4926	0.0428
0.2089	0.2658	0.4526	0.0966	0.6037	0.0573	0.7548	0.0519	0.9059	0.0273	-0.2654	0.1615	-0.4956	0.0454
0.2108		0.4548	0.0949	0.6059									
					0.0780	0.7570	0.0441	0.9081	0.0237	-0.2689	0.1593	-0.4986	0.0362
0.2128		0.4570	0.0934	0.6081	0.0720	0.7592	0.0379	0.9103	0.0253	-0.2724	0.1596	-0.5016	0.0313
0.2147	0.2582	0.4592	0.0950	0.6103	0.0644	0.7614	0.0360	0.9126	0.0274	-0.2760	0.1633	-0.5046	0.0258
0.2166		0.4615	0.0894	0.6126	0.0677					0.2700			
						0.7637	0.0370	0.9148	0.0265	-0.2795	0.1628	-0.5076	0.0355
0.2186	0.2536	0.4637	0.0855	0.6148	0.0668	0.7659	0.0353	0.9170	0.0245	-0.2830	0.1705	-0.5106	0.0352
0.2205	0.2474	0.4659	0.0926	0.6170	0.0733	0.7681	0.0352	0.9192	0.0253	-0.2865	0.1687	-0.5135	0.0448
0.2225		0.4681	0.0909	0.6192	0.0753	0.7703	0.0557	0.9214	0.0216				
										-0.2901	0.1748	-0.5165	0.0454
0.2244		0.4703	0.0941	0.6215	0.0765	0.7726	0.0455	0.9237	0.0267	-0.2936	0.1636	-0.51 9 5	0.0400
0.2263	0.2417	0.4726	0.0852	0.6237	0.0742	0.7748	0.0362	0.9259	0.0263	-0.2971	0.1294	-0.5225	0.0378
0.2283		0.4748	0.0876	0.6259	0.0564	0.7770	0.0417		0.0247				
								0.9281		-0.3006	0.1367	-0.5255	0.0387
0.2302	0.2368	0.4770	0.0884	0.6281	0.0578	0.7792	0.0389	0.9303	0.0243	-0.3041	0.1396	-0.5285	0.0451
0.2302	0.2304	0.4792	0.0915	0.6303	0.0669	0.7814	0.0379	0.9325	0.0226	-0.3077	0.1458	-0.5315	0.0386
0.2334	0.2351	0.4815	0.0903	0.6326	0.0706	0.7837	0.0407	0.9348	0.0242	-0.3112	0.1331	-0.5345	0.0363
													0.0303
0.2366	0.2240	0.4837	0.0846	0.6348	0.0603	0.7859	0.0348	0.9370	0.0304	-0.3147	0.1227	-0.5375	0.0405
0.2398	0.2240	0.4859	0.0908	0.6370	0.0681	0.7881	0.0355	0.9392	0.0355	-0.3182	0.1534	-0.5405	0.0338
0.2430	0.2244	0.4881	0.0857	0.6392	0.0679	0.7903	0.0402	0.9414	0.0322	-0.3218	0.1299	-0.5435	0.0383
0.2462	0.2243	0.4903	0.0869	0.6415	0.0651	0.7926	0.0394	0.9437	0.0245	-0.3253	0.1512	-0.5465	0.0361
0.2494	0.2303	0.4926	0.0840	0.6437	0.0601	0.7948	0.0392	0.9459	0.0234	-0.3288	0.1449	-0.5494	0.0347
0.2526	0.2314	0.4948	0.0782	0.6459	0.0572	0.7970	0.0444	0.9481	0.0273	-0.3323	0.1513	-0.5524	0.0305
0.2558		0.4970	0.0838	0.6481	0.0663	0.7992	0.0402						
								0.9503	0.0297	-0.3359	0.1429	-0.5554	0.0304
0.2590		0.4992	0.0822	0.6503	0.0591	0.8014	0.0323	0.9525	0.0289	-0.3394	0.1484	-0.5584	0.0422
0.2622	0.2526	0.5015	0.0775	0.6526	0.0635	0.8037	0.0286	0.9548	0.0223	-0.3429	0.1349	-0.5614	0.0346
0.2654	0.2511	0.5037	0.0731	0.6548	0.0636	0.8059	0.0335	0.9570	0.0295	-0.3464	0.1315	-0.5644	0.0412
0.2686	0.2566	0.5059	0.0771	0.6570	0.0618	0.8081	0.0396	0.9592	0.0455	-0.3500	0.1344	-0.5674	0.0389
0.2718	0.2820	0.5081	0.0781	0.6592	0.0570	0.8103	0.0297			-0.3535	0.1285	-0.5704	0.0381
0.2750	0.2981	0.5103	0.0735	0.6615	0.0531	0.8126	0.0297	X/PL	•	-0.3570	0.1330	-0.5734	0.0380
									η				0.0000
0.2782	0.3210	0.5126	0.0816	0.6637	0.0589	0.8148	0.0316	-0.0103	0.2422	-0.3605	0.1212	-0.5764	0.0358
0.2814	0.3255	0.5148	0.0683	0.6659	0.0582	0.8170	0.0393	-0.0188	0.2378	-0.3640	0.1306	-0.5794	0.0395
0.2846	0.3585	0.5170	0.0736	0.6681	0.0583	0.8192	0.0410	-0.0274	0.2350	-0.3676	0.1161	-0.5823	0.0398
0.2878	0.3510	0.5192	0.0672	0.6703	0.0608	0.8214	0.0322						0.0387
								-0.0359	0.2396	-0.3711	0.1194	-0.5853	0.036/
	0.3686	0.5215	0.0762	0.6726	0.0689	0.8237	0.0294	-0.0445	0.2345	-0.3746	0.1161	-0.5883	0.0310
0.2942	0.3559	0.5237	0.0807	0.6748	0.0591	0.8259	0.0303	-0.0530	0.2325	-0.3781	0.1056	-0.5913	0.0382
0.2974	0.3304	0.5259	0.0736	0.6770	0.0494	0.8281						-0.5943	
							0.0365	-0.0616	0.2298	-0.3817	0.1153		0.0300
0.3006	0.3233	0.5281	0.0691	0.6792	0.0602	0.8303	0.0314	-0.0701	0.2263	-0.3852	0.0982	-0.5973	0.0324
0.3038	0.3003	0.5303	0.0702	0.6814	0.0522	0.8326	0.0265	-0.0787	0.2336	-0.3887	0.1192	-0.6003	0.0227
0.3069	0.2832	0.5326	0.0704	0.6837	0.0507	0.8348	0.0275	-0.0872	0.2299	-0.3922	0.0945	-0.6033	0.0225
0.3837	0.1208	0.5348	0.0713	0.6859	0.0595	0.8370	0.0303	-0.0958	0.2214	-0.3958	0.1096	-0.6063	0.0293
0.3859	0.1229	0.5370	0.0614	0.6881	0.0475	0.8392	0.0269	-0.1044	0.2234	-0.3993	0.1024	-0.6093	0.0287
0.3881	0.1207	0.5392	0.0641	0.6903	0.0512	0.8414	0.0304	-0.1129	0.2251	-0.4028	0.0771	-0.6123	0.0399
0.3904	0.1151	0.5415	0.0684	0.6926	0.0546	0.8437	0.0316	-0.1215	0.2089	-0.4063	0.0989	-0.6153	0.0422

					-				1				
-0.6182	0.0444	-0.8217	0.0096	0.0480	806.29	0.1798	613.20	0.4192	805.15	0.5703	928.29	0.7214	732.96
						-	614.57	0.4214	807.34	0.5725	914.51	0.7236	725.41
-0.6212	0.0448	-0.8247	0.0122	0.0499	784.15	0.1817						0.7258	725.91
-0.6242	0.0304	-0.8277	0.0089	0.0519	747.25	0.1837	623.93	0.4236	811.01	0.5747	906.66		
-0.6272	0.0238	-0.8306	0.0136	0.0538	719.76	0.1856	626.35	0.4259	807.17	0.5770	914.22	0.7281	725.17
-0.6302	0.0255	-0.8336	0.0063	0.0558	741.11	0.1875	623.86	0.4281	809.33	0.5792	910.83	0.7303	715.92
					725.62	0.1895	613.01	0.4303	804.18	0.5814	916.61	0.7325	715.38
-0.6332	0.0288	-0.8366	0.0075	0.0577							900.04	0.7347	714.27
-0.6362	0.0278	-0.8396	0.0062	0.0596	717.27	0.1914	623.05	0.4325	800.80	0.5836			
-0.6392	0.0258	-0.8426	0.0116	0.0616	701.88	0.1933	636.64	0.4347	799.77	0.5858	899.81	0.7370	719.87
-0.6422	0.0302	-0.8456	0.0089	0.0635	692.88	0.1953	633.83	0.4370	806.01	0.5881	902.83	0.7392	714.71
			0.0074	0.0654	690.14	0.1972	636.68	0.4392	805.33	0.5903	893.34	0.7414	709.84
-0.6452	0.0339	-0.8486							804.91	0.5925	888.36	0.7436	704.97
-0.6482	0.0284	-0.8516	0.0132	0.0674	687.91	0.1992	634.24	0.4414					
-0.6512	0.0283	-0.8546	0.0148	0.0693	675.89	0.2011	637.95	0.4436	800.79	0.5947	877.76	0.7458	706.64
-0.6541	0.0214	-0.8576	0.0117	0.0713	670.78	0.2030	632.50	0.4459	796.95	0.5970	880.70	0.7481	710.06
	0.0211	-0.8606	0.0291	0.0732	673.04	0.2050	632.52	0.4481	796.19	0.5992	876.87	0.7503	714.00
-0.6571							632.26	0.4503	800.46	0.6014	880.38	0.7525	705.28
-0.6601	0.0282	-0.8636	0.0310	0.0751	663.64	0.2069							704.00
-0.6631	0.0342	-0.8665	0.0205	0.0771	659.13	0.2088	636.77	0.4525	796.74	0.6036	869.63	0.7547	
-0.6661	0.0333	-0.8695	0.0101	0.0790	656.41	0.2108	636.33	0.4547	800.43	0.6058	866.08	0.7570	704.41
	0.0304	-0.8725	0.0077	0.0810	652.82	0.2127	640.93	0.4570	810.83	0.6081	876.70	0.7592	707.33
-0.6691							638.93	0.4592	817.08	0.6103	874.63	0.7614	704.43
-0.6721	0.0338	-0.8755	0.0162	0.0829	637.69	0.2147							696.39
-0.6751	0.0335	-0.8785	0.0088	0.0848	630.96	0.2166	632.29	0.4614	814.10	0.6125	868.66	0.7636	
-0.6781	0.0350	-0.8815	0.0157	0.0868	621.23	0.2185	631.02	0.4636	814.71	0.6147	865.57	0.7658	698.49
-0.6811	0.0308	-0.8845	0.0113	0.0887	619.13	0.2205	635.25	0.4659	817.28	0.6170	863.66	0.7681	700.65
				0.0906	605.03	0.2224	629.48	0.4681	821.19	0.6192	856.17	0.7703	693.95
-0.6841	0.0223	-0.8875	0.0077							0.6214	849.17	0.7725	694.96
-0.6871	0.0263	-0.8905	0.0065	0.0926	592.19	0.2243	619.43	0.4703	815.90				
-0.6900	0.0215	-0.8935	0.0176	0.0945	587.48	0.2263	616.10	0.4725	816.77	0.6236	842.86	0.7747	696.76
-0.6930	0.0311	-0.8965	0.0125	0.0965	583.34	0.2282	619.13	0.4747	819.01	0.6258	845.66	0.7770	697.65
	0.0254	-0.8995	0.0195	0.0984	579.68	0.2302	621.22	0.4770	826.80	0.6281	845.31	0.7792	705.18
-0.6960								0.4792	816.65	0.6303	833.41	0.7814	699.66
-0.6990	0.0303	-0.9024	0.0124	0.1003	573.51	0.2302	616.85						692.89
-0.7020	0.0225	-0.9054	0.0124	0.1023	565.84	0.2334	618.02	0.4814	819.47	0.6325	826.40	0.7836	
-0.7050	0.0183	-0.9084	0.0086	0.1042	557.66	0.2366	620.84	0.4836	825.40	0.6347	830.79	0.7858	692.89
-0.7080	0.0268	-0.9114	0.0094	0.1061	560.04	0.2398	624.58	0.4859	827.79	0.6370	825.21	0.7881	695.86
					551.81	0.2430	629.46	0.4881	824.60	0.6392	828.18	0.7903	691.26
-0.7110	0.0317	-0.9144	0.0135	0.1081							821.63	0.7925	690.58
-0.7140	0.0284	-0.9174	0.0138	0.1100	557.78	0.2461	631.31	0.4903	834.28	0.6414			
-0.7170	0.0258	-0.9204	0.0112	0.1120	557.10	0.2493	637.11	0.4925	836.40	0.6436	823.41	0.7947	697.42
-0.7200	0.0251	-0.9234	0.0081	0.1139	542.85	0.2525	638.02	0.4947	834.11	0.6458	824.62	0.7969	697.48
			0.0088	0.1158	539.82	0.2557	638.09	0.4970	840.44	0.6481	821.83	0.7992	691.98
-0.7230	0.0311	-0.9264						0.4992	842.92	0.6503	816.50	0.8014	694.97
-0.7259	0.0360	-0.9294	0.0078	0.1178	548.83	0.2589	637.72						693.90
-0.7289	0.0355	-0.9324	0.0073	0.1197	553.11	0.2621	643.16	0.5014	848.26	0.6525	808.42	0.8036	
-0.7319	0.0239	-0.9353	0.0129	0.1216	543.43	0.2653	654.66	0.5036	842.84	0.6547	800.79	0.8058	692.50
		-0.9383	0.0124	0.1236	538.30	0.2685	660.79	0.5059	851.87	0.6570	796.99	0.8081	697.55
-0.7349	0.0140							0.5081	853.43	0.6592	791.45	0.8103	691.59
-0.7379	0.0142	-0.9413	0.0110	0.1255	533.15	0.2717	658.81						
-0.7409	0.0145	-0.9443	0.0123	0.1275	535.90	0.2749	665.85	0.5103	851.27	0.6614	780.74	0.8125	694.03
-0.7439	0.0184	-0.9473	0.0106	0.1294	546.34	0.2781	681.87	0.5125	854.83	0.6636	783.40	0.8147	691.03
-0.7469	0.0218	-0.9503	0.0110	0.1313	550.34	0.2813	772.40	0.5147	866.04	0.6658	773.45	0.8169	691.55
				0.1333	560.39	0.2845	711.29	0.5170	865.24	0.6681	773.40	0.8192	689.96
-0.7499	0.0228	-0.9533	0.0110						866.42	0.6703	768.33	0.8214	690.33
-0.7529	0.0239	-0.9563	0.0133	0.1352	577.90	0.2877	655.45	0.5192					
-0.7559	0.0173	-0.9593	0.0183	0.1371	612.64	0.2909	649.65	0.5214	876.24	0.6725	770.67	0.8236	696.04
-0.7588	0.0124	-0.9623	0.0204	0.1391	595.66	0.2941	651.06	0.5236	879.92	0.6747	767.01	0.8258	697.36
-0.7618	0.0124	-0.9653	0.0168	0.1410	560.05	0.2973	879.43	0.5259	880.43	0.6770	761.08	0.8281	698.14
					560.94	0.3005	849.81	0.5281	879.47	0.6792	759.88	0.8303	693.66
-0.7648	0.0137	-0.9683	0.0151	0.1430							756.14	0.8325	695.67
-0.7678	0.0156	-0.9712	0.0145	0.1449	589.77	0.3037	839.98	0.5303	888.06	0.6814			
-0.7708	0.0153	-0.9742	0.0163	0.1468	629.65	0.3069	789.96	0.5325	898.12	0.6836	746.73	0.8347	692.56
-0.7738	0.0134	-0.9772	0.0181	0.1488	645.13	0.3836	818.80	0.5347	898.78	0.6858	761.07	0.8369	692.74
		-0.9802	0.0194	0.1507	636.48	0.3859	822.04	0.5370	898.10	0.6881	755.05	0.8392	695.21
-0.7768	0.0168								902.76	0.6903	750.62	0.8414	700.92
-0. <i>7</i> 798	0.0163	-0.9832	0.0167	0.1526	631.76	0.3881	815.67	0.5392					
-0.7828	0.0046	-0.9862	0.0204	0.1546	617.63	0.3903	813.73	0.5414	906.15	0.6925	745.12	0.8436	695.52
-0.7858	0.0048	-0.9892	0.0204	0.1565	611.77	0.3925	818.35	0.5436	907.96	0.6947	751.65	0.8458	694.66
-0.7888	0.0049		0.0356	0.1585	602.47	0.3947	824.02	0.5459	914.27	0.6970	753.03	0.8481	693.12
		0.7744	0.0000	0.1604	586.05	0.3970	821.34	0.5481	911.96	0.6992	743.56	0.8503	698.20
-0.7918	0.0081									0.7014	743.48	0.8525	700.72
-0.7947	0.0058			0.1623	578.96	0.3992	814.14	0.5503	921.44				
-0.7977	0.0005	CASE L	<u> </u>	0.1643	583.20	0.4014	818.38	0.5525	923.22	0.7036	744.92	0.8547	703.29
-0.8007	0.0035			0.1662		0.4036	817.07	0.5547	921.82	0.7058	743.01	0.8569	712.21
	0.0033	X/\$L	Nu	0.1682		0.4059	817.80	0.5570	930.76	0.7081	741.62	0.8592	712.74
-0.8037						0.4081	816.57	0.5592	930.10	0.7103	735.63	0.8614	714.80
-0.8067	0.0132	0.0383	893.24	0.1701	592.88							0.8636	721.12
-0.8097	0.0208	0.0403	833.82	0.1720	600.06	0.4103	816.02	0.5614	930.98	0.7125	739.96		
				- 1740	40402	0.4125	809.75	0.5636	923.62	0.7147	740.22	0.8658	721.48
-0.8127		0.0422	752.53	0.1740	604.03								
-0.8127 -0.8157	0.0289		752.53 729.32						921.51	0.7170	731.27	0.8681	719.62
-0.8127 -0.8157 -0.8187		0.0422 0.0441 0.0461	752.53 729.32 819.67	0.1740 0.1759 0.1778			805.86 808.42	0.5658 0.5681		0.7170			

0.8725		-0.2126	425.46	-0.4522	455.57	-0.6662	461.16	-0.8696	463.16	0.0791	0.2123	0.2108	0.3233
0.8747		-0.2161	439.36	-0.4557	478.02	-0.6692	460.93	-0.8726	463.58	0.0810	0.2102	0.2128	0.3258
0.8769		-0.2196	449.21	-0.4592		-0.6721	461.44	-0.8756	465.79	0.0829	0.2000	0.2147	0.3217
0.8792		-0.2232	444.31	-0.4628	468.58	-0.6751	461.36	-0.8786	471.05	0.0849	0.2091	0.2166	0.3166
0.8814 0.8836		-0.2267 -0.2302	429.62 410.55	-0.4663	456.53	-0.6781	460.25	-0.8816	474.85	0.0868	0.2042	0.2186	0.3148
0.8858		-0.2337	421.75	-0.4698 -0.4733	452.70 458.93	-0.6811 -0.6841	460.95 462.29	-0.8845 -0.8875	474.52	0.0888	0.2020	0.2205	0.3187
0.8881		-0.2372	425.44	-0.4769	449.01	-0.6871	461.53	-0.8905	478.58 481.40	0.0907 0.0926	0.2008 0.2007	0.2225 0.2244	0.3120 0.3083
0.8903		-0.2408	421.71	-0.4804	462.35	-0.6901	460.20	-0.8935	485.72	0.0946	0.2056	0.2263	0.2993
0.8925		-0.2443	438.14	-0.4839	446.69	-0.6931	461.29	-0.8965	488.30	0.0965	0.1996	0.2283	0.2990
0.8947		-0.2478	431.88	-0.4874	453.55	-0.6961	462.03	-0.8995	489.87	0.0984	0.1954	0.2302	0.2995
0.8969		-0.2513	449.33	-0.4910	444.14	-0.6991	467.29	-0.9025	493.67	0.1004	0.2067	0.2302	0.2957
0.8992		-0.2549	442.82	-0.4945	448.21	-0.7021	461.25	-0.9055	498.12	0.1023	0.2005	0.2334	0.3043
0.9014 0.9036	785.17 789.66	-0.2584 -0.2619	452.93	-0.4980	453.30	-0.7051	459.11	-0.9085	500.60	0.1043	0.1945	0.2366	0.2959
0.9058	796.76	-0.2654	463.06 460.56	-0.5015 -0.5050	444.33 451.84	-0.7080 -0.7110	458.02 457.38	-0.9115 -0.9145	500.76 504.80	0.1062 0.1081	0.2079 0.1961	0.2398	0.2900 0.2950
0.9081	804.14	-0.2690	483.10	-0.5086	443.91	-0.7140	457.77	-0.9174	507.91	0.1001	0.1968	0.2430 0.2462	0.2930
0.9103	809.03	-0.2725	474.08	-0.5121	450.31	-0.7170	456.59	-0.9204	510.94	0.1120	0.1984	0.2494	0.2985
0.9125	816.15	-0.2760	509.81	-0.5156	434.23	-0.7200	454.88	-0.9234	515.31	0.1139	0.1944	0.2526	0.2956
0.9147	822.03	-0.2795	522.98	-0.5191	441.10	-0.7230	454.52	-0.9264	523.29	0.1159	0.2173	0.2558	0.2969
0.9169	824.87	-0.2831	519.96	-0.5227	443.10	-0.7260	451.72	-0.9294	529.36	0.1178	0.2007	0.2590	0.3006
0.9192		-0.2866	509.90	-0.5256	450.30	-0.7290	451.87	-0.9324	532.01	0.1198	0.1977	0.2622	0.3012
0.9214 0.9236	847.20 852.97	-0.2901 -0.2936	469.77 479.63	-0.5286 -0.5315	450.16 447.99	-0.7320 -0.7350	453.32 455.46	-0.9354 -0.9384	536.16 544.46	0.1217	0.1964	0.2654	0.3088
0.9258	860.67	-0.2971	459.10	-0.5345	448.25	-0.7380	452.24	-0.9364	550.47	0.1236 0.1256	0.2055 0.2004	0.2686 0.2718	0.3071 0.3274
0.9281	869.84	-0.3007	479.94	-0.5375	447.46	-0.7409	451.10	-0.9444	555.47	0.1275	0.1993	0.2750	0.3610
0.9303	876.51	-0.3042	491.30	-0.5405	448.04	-0.7439	450.73	-0.9474	560.36	0.1294	0.2095	0.2782	0.3823
0.9325	884.82	-0.3077	479.36	-0.5435	449.09	-0.7469	448.93	-0.9504	565.12	0.1314	0.2222	0.2814	0.3957
0.9347	899.60	-0.3112	457.35	-0.5465	448.98	-0.7499	450.49	-0.9533	572.64	0.1333	0.2393	0.2846	0.3989
0.9369	914.47 923.14	-0.3148	457.88	-0.5495	450.19	-0.7529	448.75	-0.9563	580.67	0.1353	0.2376	0.2878	0.4238
0.9392	925.72	-0.3183 -0.3218	464.23 452.58	-0.5525 -0.5555	450.63 450.48	-0.7559 -0.7589	447.85 446.65	-0.9593 -0.9623	588.18 592.93	0.1372 0.1391	0.2727 0.3118	0.2910	0.4239
0.9436	936.57	-0.3253	464.07	-0.5585	450.90	-0.7619	447.70	-0.9653	598.35	0.1391	0.3117	0.2942 0.2974	0.4249 0.3856
0.9458	943.40	-0.3289	447.24	-0.5615	450.06	-0.7649	448.41	-0.9683	604.11	0.1430	0.3177	0.3006	0.3743
0.9481	950.29	-0.3324	463.28	-0.5645	453.76	-0.7679	448.33	-0.9713	609.33	0.1449	0.3356	0.3038	0.3621
0.9503	959.61	-0.3359	454.61	-0.5674	454.41	-0.7709	448.49	-0.9743	613.50	0.1469	0.3406	0.3069	0.3432
0.9525	985.82 1010.64	-0.3394 -0.3430	454.32	-0.5704	455.61	-0.7739	448.65	-0.9773	623.05	0.1488	0.3542	0.3837	0.2358
	1066.22	-0.3465	463.30 456.33	-0.5734 -0.5764	452.90 447.86	-0.7768 -0.7798	447.09 447.05	-0.9803 -0.9833	633.10 641.76	0.1508 0.1527	0.3819	0.3859 0.3881	0.2370 0.2301
	1149.17	-0.3500	471.51	-0.5794	448.99	-0.7828	446.38	-0.9863	650.91	0.1546	0.3992	0.3904	0.2356
		-0.3535	454.30	-0.5824	448.94	-0.7858	446.80	-0.9892	657.17	0.1566	0.4051	0.3926	0.2178
X/PL	Nu	-0.3571	469.10	-0.5854	450.15	-0.7888	446.06	-0.9922	667.40	0.1585	0.4077	0.3948	0.2227
	1059.46	-0.3606	461.11	-0.5884	452.10	-0.7918	446.82			0.1605	0.3997	0.3970	0.2165
-0.0189	981.95	-0.3641 -0.3676	467.40	-0.5914	453.92	-0.7948	447.16	04051		0.1624	0.3993	0.3992	0.2055
-0.0274 -0.0360	863.73 806.97	-0.3711	464.45 450.78	-0.5944 -0.5974	452.92 450.49	-0.7978 -0.8008	447.03 446.90	CASE	<u>7 – 11</u>	0.1643 0.1663	0.4035 0.4020	0.4015 0.4037	0.2030 0.2046
-0.0445	741.63		471.83		452.50	-0.8038	446.36	X/SL	η	0.1682			0.2064
-0.0531	674.45	-0.3782	451.84	-0.6033	453.15	-0.8068	446.55	0.0384	0.3533	0.1701	0.3941	0.4081	0.2078
-0.0616	622.92	-0.3817	472.07	-0.6063	454.43	-0.8098	447.18	0.0403	0.3548	0.1721	0.3943	0.4104	0.2016
-0.0702	579.20	-0.3852	453.89	-0.6093	455.43	-0.8127	447.79		0.3633	0.1740	0.3989		0.2007
-0.0787	557.39	-0.3888	461.82	-0.6123	454.29	-0.8157	447.86	0.0442	0.3132	0.1760	0.3906	0.4148	0.1937
-0.0873 -0.0958	543.50 520.75	-0.3923 -0.3958	461.25 452.12	-0.6153 -0.6183	453.62 455.67	-0.8187 -0.8217	448.43 448.59	0.0461	0.3665		0.3898		0.2037
-0.1044	503.11	-0.3993	485.22	-0.6213	456.73	-0.8247	448.84		0.3622 0.3379	0.1798 0.1818	0.3818 0.3737	0.4192 0.4215	0.1897 0.1972
-0.1130	503.43	-0.4029	443.10	-0.6243	457.21	-0.8277	448.44		0.2932	0.1837	0.3797	0.4237	0.2032
-0.1215	483.34	-0.4064	470.93	-0.6273	457.71	-0.8307	449.23		0.2696	0.1856	0.3809		0.1981
-0.1301	480.23	-0.4099	452.43	-0.6303	454.37	-0.8337	449.17		0.2820		0.3726	0.4281	0.1919
-0.1386	457.12	-0.4134	469.81	-0.6333	453.68	-0.8367	449.93		0.2534		0.3610	0.4304	0.1961
-0.1472	460.92	-0.4170 -0.4205	454.44 449.30		454.00 455.57	-0.8397	451.47		0.2589		0.3601		0.1948
-0.1557 -0.1643	446.49 440.14		449.30 464.87	-0.6392 -0.6422	455.57 455.76	-0.8427 -0.8457	453.11 455.18		0.2416 0.2191		0.3593 0.3499		0.1930 0.1888
-0.1728	450.72	-0.4275	446.36	-0.6452	456.03	-0.8486	456.38		0.2191		0.3537	0.4370	0.1787
-0.1814	433.65		469.16		458.16	-0.8516	456.87		0.2283		0.3476		0.1800
-0.1899	449.64	-0.4346	455.07	-0.6512	458.12	-0.8546	457.17		0.2319	0.2011	0.3455	0.4437	0.1815
-0.1985	435.67		470.12		462.79	-0.8576	457.44		0.2216	0.2031	0.3366	0.4459	0.1799
-0.2020	459.89		462.05		465.29		458.53		0.2263		0.3372	0.4481	0.1743
-0.2055 -0.2091	437.71 429.51		457.26 467.81	-0.6602 -0.6632	463.04 461.68	-0.8636 -0.8666	459.20 460.37		0.2181		0.3288 0.3275		0.1797 0.1804
ーし、エリティ	427.01	UU/	-, 07.01	J.0002	→ ♥1.00	0.0000		0.0771	0.2050	U.ZU0Y	0.02/0	0.4020	U. 10U4

									:				
0.4540	0.1010	0.6059	0.1231	0.7570	0.0794	0.9081	0.0463	-0.2689	0.1443	-0.5085	0.0966	-0.7200	0.0451
0.4548	0.1810				0.0881	0.9103	0.0513	-0.2724	0.1467	-0.5120	0.0916	-0.7230	0.0487
0.4570	0.1948	0.6081	0.1287	0.7592					-	-0.5156	0.0776	-0.7259	0.0426
0.4592	0.1994	0.6103	0.1277	0.7614	0.0800	0.9126	0.0495	-0.2760	0.1563				
0.4615	0.1927	0.6126	0.1336	0.7637	0.0782	0.9148	0.0494	-0.2795	0.1504	-0.5191	0.0904	-0.7289	0.0414
	0.1904	0.6148	0.1395	0.7659	0.0793	0.9170	0.0489	-0.2830	0.1570	-0.5226	0.0799	-0.7319	0.0380
0.4637						0.9192	0.0544	-0.2865	0.1597	-0.5261	0.0842	-0.7349	0.0414
0.4659	0.1738	0.6170	0.1327	0.7681	0.0739						0.0759	-0.7379	0.0390
0.4681	0.1889	0.6192	0.1252	0.7703	0.0602	0.9214	0.0545	-0.2901	0.1678	-0.5297			0.0295
0.4703	0.1747	0.6215	0.1272	0.7726	0.0606	0.9237	0.0565	-0.2936	0.1688	-0.5332	0.0806	-0.7409	
0.4726	0.1785	0.6237	0.1283	0.7748	0.0695	0.9259	0.0563	-0.2971	0.1768	-0.5367	0.0833	-0.7439	0.0275
				0.7770	0.0608	0.9281	0.0565	-0.3006	0.1675	-0.5402	0.0668	-0.7469	0.0262
0.4748	0.1796	0.6259	0.1321					-0.3041	0.1815	-0.5438	0.0678	-0.7499	0.0283
0.4770	0.1894	0.6281	0.1279	0.7792	0.0795	0.9303	0.0539					-0.7529	0.0213
0.4792	0.1730	0.6303	0.1188	0.7814	0.0768	0.9325	0.0499	-0.3077	0.1718	-0.5473	0.0716		
0.4815	0.1684	0.6326	0.1228	0.7837	0.0675	0.9348	0.0524	-0.3112	0.1695	-0.5508	0.0687	-0.7559	0.0178
			0.1214	0.7859	0.0635	0.9370	0.0575	-0.3147	0.1738	-0.5543	0.0700	-0.7588	0.0158
0.4837	0.1814	0.6348					0.0600	-0.3182	0.1613	-0.5579	0.0715	-0.7618	0.0173
0.4859	0.1766	0.6370	0.1068	0.7881	0.0662	0.9392					0.0660	-0.7648	0.0196
0.4881	0.1715	0.6392	0.1099	0.7903	0.0611	0.9414	0.0620	-0.3218	0.1700	-0.5614			
0.4903	0.1756	0.6415	0.1133	0.7926	0.0677	0.9437	0.0602	-0.3253	0.1595	-0.5644	0.0787	-0.7678	0.0199
0.4926	0.1620	0.6437	0.1168	0.7948	0.0775	0.9459	0.0563	-0.3288	0.1576	-0.5674	0.0788	-0.7708	0.0166
				0.7970	0.0786	0.9481	0.0561	-0.3323	0.1549	-0.5704	0.0815	-0.7738	0.0190
0.4948	0.1564	0.6459	0.1087						0.1497	-0.5734	0.0785	-0.7768	0.0178
0.4970	0.1625	0.6481	0.1190	0.7992	0.0628	0.9503	0.0454	-0.3359					0.0159
0.4992	0.1678	0.6503	0.1194	0.8014	0.0737	0.9525	0.0534	-0.3394	0.1516	-0.5764	0.0756	-0.7798	
0.5015	0.1690	0.6526	0.1128	0.8037	0.0695	0.9548	0.0600	-0.3429	0.1493	-0.5794	0.0775	-0.7828	0.0117
			0.0924	0.8059	0.0625	0.9570	0.0571	-0.3464	0.1560	-0.5823	0.0801	-0.7858	0.0113
0.5037	0.1579	0.6548						-0.3500	0.1449	-0.5853	0.0822	-0.7888	0.0123
0.5059	0.1556	0.6570	0.0924	0.8081	0.0760	0.9592	0.0556				0.0770	-0.7918	0.0113
0.5081	0.1693	0.6592	0.0897	0.8103	0.0713			-0.3535	0.1478	-0.5883			
0.5103	0.1598	0.6615	0.0841	0.8126	0.0718	X/PL	η	-0.3570	0.1466	-0.5913	0.0772	-0.7947	0.0119
		0.6637	0.0899	0.8148	0.0629	-0.0103	0.3140	-0.3605	0.1381	-0.5943	0.0757	-0.7977	0.0107
0.5126	0.1541					-0.0188	0.2990	-0.3640	0.1396	-0.5973	0.0688	-0.8007	0.0107
0.5148	0.1624	0.6659	0.0774	0.8170	0.0679				0.1331	-0.6003	0.0680	-0.8037	0.0080
0.5170	0.1626	0.6681	0.0794	0.8192	0.0718	-0.0274	0.2699	-0.3676					0.0077
0.5192	0.1594	0.6703	0.0806	0.8214	0.0648	-0.0359	0.2646	-0.3711	0.1337	-0.6033	0.0698	-0.8067	
0.5215	0.1606	0.6726	0.0852	0.8237	0.0693	-0.0445	0.2535	-0.3746	0.1297	-0.6063	0.0710	-0.8097	0.0052
			0.0755	0.8259	0.0670	-0.0530	0.2394	-0.3781	0.1229	-0.6093	0.0709	-0.8127	0.0073
0.5237	0.1674	0.6748						-0.3817	0.1263	-0.6123	0.0707	-0.8157	0.0067
0.5259	0.1622	0.6770	0.0832	0.8281	0.0724	-0.0616	0.2179			-0.6153	0.0675	-0.8187	0.0064
0.5281	0.1533	0.6792	0.0806	0.8303	0.0646	-0.0701	0.2057	-0.3852	0.1201				
0.5303	0.1475	0.6814	0.0713	0.8326	0.0635	-0.0787	0.2078	-0.3887	0.1294	-0.6182	0.0709	-0.8217	0.0066
0.5326	0.1559	0.6837	0.0622	0.8348	0.0466	-0.0872	0.2134	-0.3922	0.1178	-0.6212	0.0717	-0.8247	0.0061
					0.0504	-0.0958	0.2007	-0.3958	0.1363	-0.6242	0.0715	-0.8277	0.0056
0.5348	0.1610	0.6859	0.0727	0.8370					0.1247	-0.6272	0.0719	-0.8306	0.0069
0.5370	0.1496	0.6881	0.0818	0.8392	0.0585	-0.1044	0.1996	-0.3993				-0.8336	0.0071
0.5392	0.1509	0.6903	0.0828	0.8414	0.0646	-0.1129	0.2046	-0.4028	0.1147	-0.6302	0.0663		
0.5415	0.1464	0.6926	0.0771	0.8437	0.0570	-0.1215	0.1971	-0.4063	0.1155	-0.6332	0.0648	-0.8366	0.0090
0.5437	0.1492	0.6948	0.0839	0.8459	0.0525	-0.1300	0.1852	-0.4099	0.1158	-0.6362	0.0642	-0.8396	0.0091
				0.8481	0.0560		0.1749	-0.4134	0.1327	-0.6392	0.0620	-0.8426	0.0081
0.5459	0.1520	0.6970	0.0816			-0.1386			0.1066	-0.6422	0.0648	-0.8456	0.0077
0.5481	0.1465	0.6992	0.0727	0.8503	0.0565	-0.1471	0.1844	-0.4169				-0.8486	0.0125
0.5503	0.1560	0.7014	0.0789	0.8526	0.0617	-0.1557	0.1725	-0.4204	0.1225	-0.6452	0.0644		
0.5526	0.1489	0.7037	0.0873	0.8548	0.0661	-0.1642	0.1792	-0.4240	0.1125	-0.6482	0.0664	-0.8516	0.0116
	0.1450	0.7059	0.0905	0.8570	0.0652	-0.1728	0.1750	-0.4275	0.1151	-0.6512	0.0643	-0.8546	0.0099
0.5548			0.0892	0.8592	0.0721	-0.1813		-0.4310	0.1173	-0.6541	0.0727	-0.8576	0.0108
0.5570		0.7081						-0.4345	0.1100	-0.6571	0.0764	-0.8606	0.0124
0.5592	0.1472	0.7103	0.0848	0.8614	0.0641	-0.1899	0.1769				0.0747	-0.8636	0.0167
0.5615	0.1478	0.7126	0.0810	0.8637	0.0684	-0.1984	0.1767	-0.4380	0.1197	-0.6601			
0.5637		0.7148	0.0874	0.8659	0.0635	-0.2020	0.1790	-0.4416	0.1005	-0.6631	0.0703	-0.8665	0.0141
0.5659		0.7170	0.0833	0.8681	0.0656	-0.2055	0.1823	-0.4451	0.1135	-0.6661	0.0696	-0.8695	0.0119
			0.0833	0.8703	0.0711	-0.2090	0.1905	-0.4486	0.1070	-0.6691	0.0663	-0.8725	0.0126
0.5681	0.1483	0.7192					0.1854	-0.4521	0.1085	-0.6721	0.0703	-0.8755	0.0113
0.5703	0.1483	0.7214	0.0758	0.8726	0.0675	-0.2125				-0.6751	0.0729	-0.8785	0.0098
0.5726	0.1402	0.7237	0.0727	0.8748	8660.0	-0.2161	0.1896	-0.4557	0.1149				0.0123
0.5748		0.7259	0.0882	0.8770	0.0590	-0.2196	0.1931	-0.4592	0.1085	-0.6781	0.0702	-0.8815	
0.5770		0.7281	0.0850	0.8792	0.0584	-0.2231	0.1918	-0.4627	0.1096	-0.6811	0.0657	-0.8845	0.0113
	-			0.8814	0.0612	-0.2266	0.1818	-0.4662	0.0945	-0.6841	0.0670	-0.8875	0.0106
0.5792		0.7303	0.0840					-0.4698	0.1078	-0.6871	0.0652	-0.8905	0.0113
0.5815		0.7326	0.0825	0.8837	0.0518	-0.2302	0.1697			-0.6900	0.0694	-0.8935	0.0155
0.5837	0.1340	0.7348	0.0718	0.8859	0.0422	-0.2337	0.1751	-0.4733	0.0917				
0.5859		0.7370	0.0876	0.8881	0.0428	-0.2372	0.1602	-0.4768	0.1087	-0.6930	0.0754	-0.8965	0.0185
0.5881		0.7392	0.0792	0.8903	0.0423	-0.2407	0.1627	-0.4803	0.0995	-0.6960	0.0742	-0.8995	0.0191
			0.0807	0.8926	0.0395	-0.2442		-0.4839	0.0936	-0.6990	0.0756	-0.9024	0.0213
0.5903		0.7414						-0.4874	0.0889	-0.7020	0.0703	-0.9054	0.0186
0.5926		0.7437	0.0684	0.8948	0.0410	-0.2478				-0.7050	0.0618	-0.9084	0.0246
0.5948	0.1258	0.7459	0.0788	0.8970	0.0447	-0.2513		-0.4909	0.0856				
0.5970		0.7481	0.0908	0.8992	0.0424	-0.2548	0.1452	-0.4944	0.0943	-0.7080	0.0605	-0.9114	0.0277
0.5992		0.7503		0.9014	0.0461	-0.2583		-0.4979	0.0889	-0.7110		-0.9144	0.0251
				0.9037		-0.2619		-0.5015		-0.7140	0.0546	-0.9174	
0.6015		0.7526						-0.5050		-0.7170		-0.9204	0.0209
0.6037	0.1227	0.7548	0.0838	0.9059	0.0468	-0.2654	0.1475	~	0.0700	5.7 170	5.5007	,	

-0.9234	0.0185	0.1139	576.30	0.2525	636.86	0.4947	853.34	0.6458	904.04	0.70/0	705.00	0.0401	050.00
-0.9264										0.7969		0.9481	
		0.1158		0.2557		0.4970		0.6481	820.59	0.7992	715.58	0.9503	972.52
-0.9294		0.11 <u>78</u>	574.55	0.2589	640.02	0.4992	849.57	0.6503	824.35	0.8014	716.31	0.9525	993.96
-0.9324	0.0240	0.1197	581.73	0.2621	644.56	0.5014	856.02	0.6525		0.8036			1021.08
-0.9353		0.1216		0.2653		0.5036							
								0.6547	815.56	0.8058		0.9569	1080.22
-0.9383		0.1236		0.2685	667.91	0.5059	861.37	0.6570	811.26	0.8081	711.18	0.9592	1157.05
-0.9413	0.0297	0.1255	566.82	0.2717	667.32	0.5081	865.46	0.6592		0.8103		0.,0,2	
-0.9443	0.0305	0.1275	572.31	0.2749		0.5103	867.19	0.6614		0.8125		37.001	
-0.9473												X/PL	Nu
		0.1294	580.62	0.2781	669.85	0.5125	876.24	0.6636		0.8147	716.14	-0.0103	1102.53
-0.9503		0.1313	586.44	0.2813	769.96	0.5147	872.80	0.6658	807.38	0.8169	715.73	-0.0189	905.35
-0.9533	0.0280	0.1333	592.50	0.2845	837.50	0.5170	877.71	0.6681	798.85	0.8192			
-0.9563	0.0350	0.1352	618.99	0.2877	710.60	0.5192	881.96					-0.0274	
								0.6703	802.12	0.8214		-0.0360	830.62
-0.9593	0.0414	0.1371	662.44	0.2909	687.47	0.5214	886.60	0.6725	799.24	0.8236	711.29	-0.0445	751.23
-0.9623	0.0367	0.1391	651.98	0.2941	677.29	0.5236	881.77	0.6747	795.14	0.8258	719.18	-0.0531	681.38
-0.9653	0.0320	0.1410	615.81	0.2973	850.82	0.5259	882.30	0.6770	791.52	0.8281	714.74		
-0.9683	0.0274	0.1430	610.97	0.3005	859.61	0.5281	891.47					-0.0616	
								0.6792	788.22	0.8303	710.52	-0.0702	645.05
-0.9712	0.0216	0.1449	634.93	0.3037	869.32	0.5303	895.15	0.6814	798.67	0.8325	714.79	-0.0787	619.04
-0.9742	0.0155	0.1468	701.51	0.3069	769.35	0.5325	893.11	0.6836	794.01	0.8347	719.53	-0.0873	599.36
-0.9772	0.0185	0.1488	755.64	0.3836	793.07	0.5347	905.44	0.6858	789.96	0.8369	715.58		505.00
-0.9802	0.0208	0.1507	737.03	0.3859								-0.0958	588.92
					793.93	0.5370	910.32	0.6881	784.14	0.8392	724.96	-0.1044	557.00
-0.9832	0.0179	0.1526	718.46	0.3881	796.61	0.5392	906.30	0.6903	785.37	0.8414	722.11	-0.1130	556.18
-0.9862	0.0136	0.1546	692.23	0.3903	795.95	0.5414	916.58	0.6925	778.24	0.8436	731.69	-0.1215	532.89
-0.9892	0.0074	0.1565	696.91	0.3925	795.57	0.5436	918.63	0.6947	778.09	0.8458	732.85		
-0.9922	0.0107											-0.1301	530.37
-0.9922	0.0107	0.1585	683.56	0.3947	800.07	0.5459	925.36	0.6970	776.23	0.8481	728.43	-0.1386	510.82
		0.1604	674.83	0.3970	800.52	0.5481	917.08	0.6992	766.62	0.8503	724.29	-0.1472	506.71
		0.1623	663.15	0.3992	804.61	0.5503	920.55	0.7014	767.90	0.8525	731.14	-0.1557	494.73
CASE \	/ - Nu	0.1643	658.35	0.4014	806.21	0.5525	927.07	0.7036	765.08	0.8547			
		0.1662									738.21	-0.1643	481.78
V/ /81			658.18	0.4036	799.55	0.5547	921.91	0.7058	772.16	0.8569	740.21	-0.1728	490.45
X/SL	Nu	0.1682	656.20	0.4059	803.96	0.5570	931.24	0.7081	768.76	0.8592	739.21	-0.1814	475.03
0.0383	1031.63	0.1701	658.13	0.4081	804.51	0.5592	935.95	0.7103	765.21	0.8614	743.64	-0.1899	480.59
0.0403	1008.53	0.1720	662.82	0.4103	806.04	0.5614	931.53	0.7125	765.89	0.8636			
0.0422	973.27	0.1740									747.26	-0.1985	470.40
			659.37	0.4125	798.98	0.5636	920.92	0.7147	764.58	0.8658	746.25	-0.2020	471.73
0.0441	935.38	0.1759	662.72	0.4147	801.08	0.5658	922.47	0.7170	765.22	0.8681	744.48	-0.2055	461.42
0.0461	880.33	0.1778	661.88	0.4170	805.73	0.5681	935.22	0.7192	761.63	0.8703	752.47	-0.2091	448.32
0.0480	854.69	0.1798	662.98	0.4192	804.78	0.5703	931.69	0.7214	758.53	0.8725	756.83		
0.0499	833.61	0.1817	661.56			-						-0.2126	448.08
				0.4214	808.12	0.5725	923.92	0.7236	753.96	0.8747	757.28	-0.2161	432.56
0.0519	805.13	0.1837	663.66	0.4236	808.49	0.5747	912.68	0.7258	750.55	0.8769	759.89	-0.2196	448.37
0.0538	779.82	0.1856	663.91	0.4259	803.64	0.5770	913.12	0.7281	742.26	0.8792	758.90	-0.2232	418.50
0.0558	777.17	0.1875	658.11	0.4281	807.46	0.5792	913.25	0.7303	748.85	0.8814			
0.0577											773.00	-0.2267	425.96
	761.98	0.1895	654.07	0.4303	810.96	0.5814	912.59	0.7325	740.26	0.8836	776.80	-0.2302	422.75
0.0596	742.15	0.1914	653.68	0.4325	803.19	0.5836	900.31	0.7347	734.54	0.8858	780.17	-0.2337	420.69
0.0616	744.44	0.1933	659.39	0.4347	813.87	0.5858	899.09	0.7370	738.61	0.8881	781.87	-0.2372	432.51
0.0635	722.92	0.1953	660.76	0.4370	825.99	0.5881	902.89	0.7392	732.45	0.8903	788.71		
0.0654	714.44	0.1972	658.57	0.4392	823.81	0.5903		0.7414				-0.2408	414.77
							900.11		734.64	0.8925	794.68	-0.2443	440.00
0.0674	716.80	0.1992	653.07	0.4414	826.87	0.5925	892.35	0.7436	731.00	0.8947	792.59	-0.2478	430.07
0.0693	701.56	0.2011	657.13	0.4436	816.90	0.5947	882.69	0.7458	727.86	0.8969	797.25	-0.2513	444.97
0.0713	697.57	0.2030	655.93	0.4459	820.48	0.5970	886.51		731.50	0.8992	804.92		440.54
0.0732	694.94	0.2050	649.14	0.4481	821.81	0.5992			732.39	0.9014			
0.0751	693.81	0.2069									804.37	-0.2584	445.22
			650.16	0.4503	827.65	0.6014	881.72	0.7525	726.06	0.9036	802.72	-0.2619	459.84
0.0771	691.22	0.2088	650.52	0.4525	821.93	0.6036	873.02	0.7547	715.71	0.9058	813.06	-0.2654	452.72
0.0790	683.56	0.2108	657.21	0.4547	821.38	0.6058	869.27	0.7570	719.72	0.9081	817.99	-0.2690	473.88
0.0810	681.47	0.2127	650.06	0.4570	823.47	0.6081	875.97	0.7592	719.99	0.9103	824.75		
0.0829	675.23	0.2147										-0.2725	464.12
			645.18	0.4592	831.30		874.05	0.7614	718.70	0.9125	827.45	-0.2760	482.85
0.0848	655.76	0.2166	643.85	0.4614	828.58	0.6125	870.27	0.7636	717.94	0.9147	831.09	-0.2795	477.54
0.0868	650.27	0.2185	642.53	0.4636	828.48	0.6147	864.74	0.7658	715.67	0.9169	837.89	-0.2831	478.44
0.0887	645.33	0.2205	642.66	0.4659	834.41		863.14	0.7681	715.62	0.9192			
0.0906	641.51	0.2224	638.36	0.4681	838.08						842.88	-0.2866	477.20
							861.22	0.7703	713.73	0.9214	848.55	-0.2901	459.65
0.0926	630.19	0.2243	627.77	0.4703	830.43	0.6214	851.75	0.7725	710.67	0.9236	858.26	-0.2936	468.28
0.0945	619.33	0.2263	624.46	0.4725	828.04	0.6236	847.41	0.7747	708.54	0.9258	863.28	-0.2971	449.31
0.0965	619.52		627.44	0.4747	837.10		844.90	0.7770	711.33	0.9281	868.23	-0.3007	475.65
0.0984	614.29	0.2302	625.04	0.4770	842.15								
							851.22	0.7792	712.59	0.9303		-0.3042	480.65
0.1003	600.66		623.37	0.4792	846.11		836.71	0.7814	707.63	0.9325	891.23	-0.3077	458.47
0.1023	593.70		622.67	0.4814	848.27	0.6325	832.71	0.7836	718.02	0.9347	900.70	-0.3112	452.04
0.1042	589.72	0.2366	626.28	0.4836	828.90		836.44	0.7858	712.99	0.9369	917.14	-0.3148	442.04
0.1061	584.54		629.18	0.4859	835.75		833.03	0.7881	713.85				
0.1081										0.9392		-0.3183	460.46
	580.85		629.04	0.4881	842.54		831.63		704.90			-0.3218	431.99
	586.17		633.82		847.48		824.97		707.22	0.9436	934.11	-0.3253	451.14
0.1120	591.23	0.2493	63 3.61	0.4925	847.20	0.6436	824.95	0.7947	709.04	0.9458	946.38	-0.3289	432.62
												,	· ·

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-0.3324	447.03	-0.5720	443.67	-0.7739	441.94	-0.9773	589.50	0.1488	0.4320	0.3837	0.2449	0.5348	0.1865
•								0.1508	0.4472	0.3859	0.2456	0.5370	0.1836
-0.3359	445.25	-0.5755	441.58	-0.7768	440.14	-0.9803	598.64						-
-0.3394	427.36	-0.5734	439.20	-0.7798	439.79	-0.9833	606.44	0.1527	0.4507	0.3881	0.2502	0.5392	0.1790
-0.3430	446.84	-0.5794	436.16	-0.7828	438.91	-0.9863	614.79	0.1546	0.4567	0.3904	0.2469	0.5415	0.1803
-0.3465	426.69	-0.5824	436.55	-0.7858	439.12	-0.9892	620.35	0.1566	0.4713	0.3926	0.2428	0.5437	0.1723
						-0.9922	629.76	0.1585	0.4702	0.3948	0.2441	0.5459	0.1756
-0.3500	455.56	-0.5854	438.06	-0.7888	438.11	-0.9922	029.70						
-0.3535	431.47	-0.5884	440.32	-0.7918	438.57			0.1605	0.4744	0.3970	0.2463	0.5481	0.1704
-0.3571	440.92	-0.5914	442.49	-0.7948	438.67			0.1624	0.4770	0.3992	0.2464	0.5503	0.1687
	441.43	-0.5944	441.86	-0.7978	438.24	CASE	V – n	0.1643	0.4757	0.4015	0.2472	0.5526	0.1651
-0.3606						<u> </u>		0.1663	0.4729	0.4037	0.2423	0.5548	0.1591
-0.3641	442.94	-0.5974	439.86	-0.8008	437.88							0.5570	0.1631
-0.3676	452.14	-0.6003	442.16	-0.8038	437.05	X/SL	η	0.1682	0.4667	0.4059	0.2455		
-0.3711	432.10	-0.6033	443.19	-0.8068	436.97	0.0384	0.3907	0.1701	0.4586	0.4081	0.2406	0.5592	0.1626
-0.3747	450.30	-0.6063	444.76	-0.8098	437.39	0.0403	0.3605	0.1721	0.4583	0.4104	0.2526	0.5615	0.1567
				-0.8127	437.65	0.0422	0.3651	0.1740	0.4576	0.4126	0.2435	0.5637	0.1544
-0.3782	430.15	-0.6093	446.12							0.4148	0.2518	0.5659	0.1543
-0.3817	445.85	-0.6123	445.35	-0.8157	437.54	0.0442	0.3121	0.1760	0.4536				
-0.3852	443.08	-0.6153	445.08	-0.8187	437.86	0.0461	0.3787	0.1779	0.4484	0.4170	0.2551	0.5681	0.1594
-0.3888	435.73	-0.6183	447.41	-0.8217	437.72	0.0481	0.3670	0.1798	0.4341	0.4192	0.2505	0.5703	0.1549
			448.83	-0.8247	437.77	0.0500	0.3461	0.1818	0.4237	0.4215	0.2557	0.5726	0.1513
-0.3923	442.46	-0.6213							0.4212	0.4237	0.2591	0.5748	0.1539
-0.3958	426.70	-0.6243	449.64	-0.8277	437.06	0.0519	0.3083	0.1837					
-0.3993	444.09	-0.6273	450.45	-0.8307	437.55	0.0539	0.2903	0.1856	0.4214	0.4259	0.2480	0.5770	0.1446
-0.4029	426.83	-0.6303	447.58	-0.8337	437.29	0.0558	0.2730	0.1876	0.4079	0.4281	0.2498	0.5792	0.1476
-0.4064	445.81	-0.6333	447.20	-0.8367	437.78	0.0577	0.2502	0.1895	0.4027	0.4304	0.2573	0.5815	0.1425
•				-0.8397				0.1915	0.3903	0.4326	0.2565	0.5837	0.1432
-0.4099	434.91	-0.6362	447.86		438.99	0.0597	0.2432				0.2681	0.5859	0.1438
-0.4134	432.79	-0.6392	449.74	-0.8427	440.32	0.0616	0.2418	0.1934	0.3810	0.4348			
-0.4170	442.44	-0.6422	450.19	-0.8457	442.08	0.0636	0.2002	0.1953	0.3785	0.4370	0.2763	0.5881	0.1366
-0.4205	428.47	-0.6452	450.86	-0.8486	442.98	0.0655	0.1946	0.1973	0.3723	0.4392	0.2656	0.5903	0.1435
					443.21		0.2100	0.1992	0.3611	0.4415	0.2672	0.5926	0.1406
-0.4240	440.46	-0.6482	453.32	-0.8516		0.0674	-			0.4437	0.2597	0.5948	0.1336
-0.4275	430.11	-0.6512	453.53	-0.8546	443.20	0.0694	0.2080	0.2011	0.3593				
-0.4310	433.87	-0.6542	458.53	-0.8576	443.22	0.0713	0.1992	0.2031	0.3546	0.4459	0.2653	0.5970	0.1399
-0.4346	441.35	-0.6572	461.34	-0.8606	444.00	0.0732	0.1987	0.2050	0.3472	0.4481	0.2597	0.5992	0.1363
		-0.6602	459.44	-0.8636	444.45	0.0752	0.2005	0.2070	0.3387	0.4503	0.2618	0.6015	0.1295
-0.4381	439.40							0.2089	0.3319	0.4526	0.2649	0.6037	0.1283
-0.4416	443.97	-0.6632	458.41	-0.8666	445.30	0.0771	0.1888		0.3319				
-0.4451	432.75	-0.6662	458.15	-0.8696	447.75	0.0791	0.1901	0.2108	0.3325	0.4548	0.2570	0.6059	0.1274
-0.4487	447.30	-0.6692	458.31	-0.8726	447.83	0.0810	0.1900	0.2128	0.3239	0.4570	0.2598	0.6081	0.1258
-0.4522	437.37	-0.6721	459.15	-0.8756	449.75	0.0829	0.1928	0.2147	0.3173	0.4592	0.2709	0.6103	0.1283
							0.1894	0.2166	0.3168	0.4615	0.2616	0.6126	0.1232
-0.4557	441.13	-0.6751	459.36	-0.8786	454.56	0.0849				0.4637	0.2583	0.6148	0.1167
-0.4592	433.51	-0.6781	458.57	-0.8816	457.97	0.0868	0.1896	0.2186	0.3144				
-0.4628	433.80	-0.6811	459.54	-0.8845	457.30	0.0888	0.1824	0.2205	0.3143	0.4659	0.2603	0.6170	0.1205
-0.4663	439.63	-0.6841	461.29	-0.8875	461.00	0.0907	0.1976	0.2225	0.3083	0.4681	0.2601	0.6192	0.1238
		-0.6871	460.83	-0.8905	463.40	0.0926	0.2017	0.2244	0.3032	0.4703	0.2588	0.6215	0.1172
-0.4698	435.41							0.2263	0.2923	0.4726	0.2477	0.6237	0.1219
-0.4733	438.23	-0.6901	459.72	-0.8935	467.30	0.0946	0.1987						0.1189
-0.4769	436.30	-0.6931	461.12	-0.8965	469.43	0.0965	0.2003	0.2283	0.2926	0.4748	0.2504	0.6259	
-0.4804	450.85	-0.6961	461.92	-0.8995	470.70	0.0984	0.1951	0.2302	0.2868	0.4770	0.2474	0.6281	0.1205
-0.4839	444.27	-0.6991	466.88	-0.9025	474.09	0.1004	0.1953	0.2302	0.2821	0.4792	0.2538	0.6303	0.1126
				-0.9055	478.09	0.1023	0.1913	0.2334	0.2955	0.4815	0.2539	0.6326	0.1214
-0.4874	445.56	-0.7021	460.59						0.2887	0.4837	0.2256	0.6348	0.1203
-0.4910	444.17	-0.7051	458.30	-0.9085	480.20	0.1043	0.1931	0.2366				0.6370	0.1219
-0.4945	440.67	-0.7080	456.90	-0.9115	480.04		0.1934	0.2398	0.2839	0.4859	0.2229		
-0.4980	455.62	-0.7110	455.96	-0.9145	483.66	0.1081	0.1890	0.2430	0.2825	0.4881	0.2355	0.6392	0.1169
-0.5015	450.29	-0.7140	456.08	-0.9174	486.33	0.1101	0.1890	0.2462	0.2881	0.4903	0.2394	0.6415	0.1138
	446.76	-0.7170	454.66	-0.9204	488.96	0.1120	0.2020	0.2494	0.2870	0.4926	0.2291	0.6437	0.1141
-0.5050								0.2526	0.2890	0.4948	0.2313	0.6459	0.1128
-0.5086	443.14	-0.7200	452.75	-0.9234	492.81	0.1139	0.2010			0.4970	0.2307	0.6481	0.1119
-0.5121	445.66	-0.7230	452.07	-0.9264	500.15	0.1159	0.2145	0.2558	0.2932				
-0.5156	444.15	-0.7260	449.05	-0.9294	505.63	0.1178	0.1909	0.2590	0.3041	0.4992	0.2210	0.6503	0.1186
-0.5191	447.12	-0.7290	448.97	-0.9324	507.86	0.1198	0.1917	0.2622	0.3047	0.5015	0.2200	0.6526	0.1170
				-0.9354	511.51	0.1217	0.2083	0.2654	0.3131	0.5037	0.2116	0.6548	0.1157
-0.5227	447.52	-0.7320	450.04								0.2138	0.6570	0.1187
-0.5262	448.09	-0.7350	451.97	-0.9384	519.15	0.1236	0.2102	0.2686	0.3229	0.5059		0.0070	
-0.5297	453.71	-0.7380	448.46	-0.9414	524.50	0.1256	0.2067	0.2718	0.3485	0.5081	0.2120	0.6592	0.1131
-0.5332	453.06	-0.7409	447.16	-0.9444	528.96	0.1275		0.2750	0.3752	0.5103	0.2160	0.6615	0.1221
-0.5368	452.51	-0.7439	446.55	-0.9474	533.29	0.1294	0.2159	0.2782	0.3872	0.5126	0.2200	0.6637	0.1161
								0.2814	0.4275	0.5148	0.2095	0.6659	0.1161
-0.5403	451.23	-0.7469	444.46	-0.9504	537.52	0.1314						0.6681	0.1248
-0.5438	454.14	-0.7499	445.73	-0.9533	544.37	0.1333	0.2472	0.2846	0.4785	0.5170	0.2175		
-0.5473	455.62	-0.7529	443.75	-0.9563	551.60	0.1353	0.2567	0.2878	0.4877	0.5192	0.2059	0.6703	0.1327
-0.5509	455.78	-0.7559	442.71	-0.9593	558.45	0.1372	0.3017	0.2910	0.4848	0.5215	0.2027	0.6726	0.1280
			441.22	-0.9623	562.62	0.1391	0.3521	0.2942	0.4804	0.5237	0.1924	0.6748	0.1254
-0.5544	453.17	-0.7589						0.2974	0.4855	0.5259	0.1963	0.6770	0.1324
-0.5579	451.61	-0.7619	441.93	-0.9653	567.40	0.1411	0.3583						
-0.5614	449.09	-0.7649	442.46	-0.9683	572.54	0.1430		0.3006	0.4421	0.5281	0.2024	0.6792	
-0.5649	449.18	-0.7679	442.11	-0.9713	577.17	0.1449	0.3699	0.3038	0.4001	0.5303	0.1955	0.6814	0.1391
-0.5685	444.91	-0.7709	441.97	-0.9743	580.80	0.1469		0.3069	0.3801	0.5326	0.1797	0.6837	0.1499
-0.000	-, -, - , -, 1	0.7707		5.77	,	J. 1-107	T. T. = 0			-			

0 (05)	0 1007	0.0070	0.0007	0.0050	0.0100	0.0050							
0.6859		0.8370				-0.3958		-0.6093	0.1157	-0.8127		0.0422	
0.688	1 0.1339	0.8392	0.1047	-0.1044	0.2825	-0.3993	0.1891	-0.6123	0.1130	-0.8157	0.0654	0.0442	821.36
0.6903	3 0.1351	0.8414	0.0968	-0.1129	0.2775	-0.4028	0.1845	-0.6153	0.1094	-0.8187		0.0461	846.40
0.6926		0.8437	0.1011	-0.1215		-0.4063				-0.8217			
												0.0481	953.57
0.6948		0.8459	0.0948	-0.1300		-0.4099		-0.6212		-0.8247	0.0615	0.0500	1032.14
0.6970	0.1398	0.8481	0.0975	-0.1386	0.2555	-0.4134	0.1833	-0.6242	0.1133	-0.8277	0.0573	0.0519	1025.47
0.6992	0.1293	0.8503	0.0890	-0.1471	0.2573	-0.4169		-0.6272		-0.8306		0.0539	
0.7014		0.8526	0.0846	-0.1557									
					0.2636	-0.4204		-0.6302		-0.8336		0.0558	967.28
0.7037		0.8548	0.0866	-0.1642		-0.4240	0.1827	-0.6332	0.1051	-0.8366	0.0606	0.0577	924.60
0.7059	0.1287	0.8570	0.0871	-0.1728	0.2554	-0.4275	0.1792	-0.6362	0.1038	-0.8396	0.0599	0.0597	923.80
0.7081	0.1331	0.8592	0.0856	-0.1813	0.2531	-0.4310		-0.6392		-0.8426		0.0616	907.44
0.7103													
		0.8614	0.0811	-0.1899	0.2478	-0.4345		-0.6422	0.1024	-0.8456		0.0636	913.38
0.7126	0.1384	0.8637	0.0881	-0.1984	0.2538	-0.4380	0.1799	-0.6452	0.0988	-0.8486	0.0586	0.0655	909.09
0.7148	0.1471	0.8659	0.0868	-0.2020	0.2516	-0.4416	0.1814	-0.6482	0.1040	-0.8516		0.0674	899.75
0.7170		0.8681	0.0800	-0.2055	0.2618	-0.4451	0.1692	-0.6512	0.0965	-0.8546	0.0537	0.0694	885.65
					0.2010								
0.7192		0.8703	0.0839	-0.2090	0.2637	-0.4486	0.1833	-0.6541	0.1046	-0.8576	0.0511	0.0713	862.52
0.7214	0.1228	0.8726	0.0826	-0.2125	0.2727	-0.4521	0.1718	-0.6571	0.1111	-0.8606	0.0507	0.0732	848.05
0.7237	0.1202	0.8748	0.0788	-0.2161	0.2671	-0.4557	0.1667	-0.6601	0.1030	-0.8636	0.0484	0.0752	845.81
0.7259		0.8770	0.0790	-0.2196	0.2628	-0.4592	0.1601	-0.6631	0.1031	-0.8665	0.0500	0.0771	840.55
0.7281		0.8792	0.0723	-0.2231	0.2615	-0.4627	0.1626	-0.6661	0.1004	-0.8695	0.0557	0.0791	824.57
0.7303		0.8814	0.0860	-0.2266	0.2682	-0.4662	0.1713	-0.6691	0.0982	-0.8725	0.0554	0.0810	822.80
0.7326	0.1165	0.8837	0.0804	-0.2302	0.2768	-0.4698	0.1582	-0.6721	0.0981	-0.8755	0.0575	0.0829	813.31
0.7348		0.8859	0.0813	-0.2337	0.2549	-0.4717	0.1607	-0.6751	0.0991	-0.8785	0.0645	0.0849	799,11
0.7370		0.8881	0.0783	-0.2372	0.2584								
						-0.4747	0.1656	-0.6781	0.1000	-0.8815	0.0687	0.0868	784.52
0.7392		0.8903	0.0714	-0.2407	0.2461	-0.4776	0.1730	-0.6811	0.1007	-0.8845	0.0644	0.0888	773.38
0.7414	0.1246	0.8926	0.0721	-0.2442	0.2354	-0.4806	0.1674	-0.6841	0.1037	-0.8875	0.0670	0.0907	764.14
0.7437	0.1194	0.8948	0.0619	-0.2478	0.2350	-0.4836	0.1740	-0.6871	0.1039	-0.8905	0.0655	0.0926	749.11
0.7459	_	0.8970	0.0602	-0.2513	0.2326	-0.4866	0.1679	-0.6900	0.0998	-0.8935	0.0662	0.0946	739.14
0.7481	0.1185												
		0.8992	0.0662	-0.2548	0.2335	-0.4896	0.1637	-0.6930	0.1011	-0.8965	0.0659	0.0965	730.81
0.7503		0.9014	0.0654	-0.2583	0.2225	-0.4926	0.1561	-0.6960	0.0966	-0.8995	0.0626	0.0984	722.44
0.7526	0.1221	0.9037	0.0557	-0.2619	0.2242	-0.4956	0.1565	-0.6990	0.1077	-0.9024	0.0642	0.1003	718.23
0.7548	0.1116	0.9059	0.0662	-0.2654	0.2235	-0.4986	0.1545	-0.7020	0.1024	-0.9054	0.0700	0.1023	711.04
0.7570		0.9081	0.0623	-0.2689	0.2206	-0.5016	0.1568	-0.7050	0.1010	-0.9084	0.0718	0.1042	695.42
0.7592		0.9103	0.0613	-0.2724	0.2265	-0.5046	0.1551	-0.7080	0.1024	-0.9114	0.0678	0.1061	694.59
0.7614		0.9126	0.0574	-0.2760	0.2203	-0.5076	0.1437	-0.7110	0.1039	-0.9144	0.0679	0.1081	694.84
0.7637	0.1170	0.9148	0.0572	-0.2795	0.2281	-0.5106	0.1438	-0.7140	0.1030	-0.9174	0.0650	0.1100	680.82
0.7659	0.1069	0.9170	0.0542	-0.2830	0.2271	-0.5135	0.1434	-0.7170	0.1031	-0.9204	0.0637	0.1120	680.70
0.7681	0.1145	0.9192	0.0498	-0.2865	0.2414		0.1461						
						-0.5165		-0.7200	0.1014	-0.9234	0.0591	0.1139	692.34
0.7703		0.9214	0.0454	-0.2901	0.2476	-0.5195	0.1483	-0.7230	0.1021	-0.9264	0.0590	0.1158	684.22
0.7726	0.1103	0.9237	0.0510	-0.2936	0.2556	-0.5225	0.1520	-0.7259	0.0900	-0.9294	0.0553	0.1178	670.71
0.7748	0.1083	0.9259	0.0444	-0.2971	0.2594	-0.5255	0.1497	-0.7289	0.0874	-0.9324	0.0488	0.1197	666.60
0.7770		0.9281	0.0419	-0.3006	0.2560	-0.5285	0.1460	-0.7319	0.0864	-0.9353	0.0402	0.1216	673.37
0.7792		0.9303	0.0492	-0.3041	0.2724	-0.5315	0.1385	-0.7349	0.0904	-0.9383	0.0396	0.1236	680.85
0.7814	0.1032	0.9325	0.0449	-0.3077	0.2602	-0.5345	0.1339	-0.7379	0.0858	-0.9413	0.0344	0.1255	670.71
0.7837	0.1134	0.9348	0.0433	-0.3112	0.2713	-0.5375	0.1308	-0.7409	0.0866	-0.9443	0.0309	0.1275	662.33
0.7859	0.1051	0.9370	0.0384	-0.3147	0.2684	-0.5405	0.1239	-0.7439	0.0868	-0.9473	0.0323	0.1294	660.13
0.7881	0.1046	0.9392		-0.3182		-0.5435		-0.7469		-0.9503			
	0.1040					0.5455	0.1200		0.0077				665.52
	0.1025	0.9414	0.0485	-0.3218	0.2555	-0.5465	0.1278	-0.7499	0.0851	-0.9533	0.0282	0.1333	675.62
0.7926	0.1067	0.9437	0.0387	-0.3253	0.2549	-0.5494	0.1211	-0.7529	0.0784	-0.9563	0.0321	0.1352	679.45
0.7948	0.0981	0.9459	0.0362	-0.3288	0.2500	-0.5524	0.1198	-0.7559	0.0765	-0.9593	0.0362	0.1371	694.34
0.7970	0.0946	0.9481	0.0424	-0.3323	0.2497	-0.5554	0.1191	-0.7588	0.0796	-0.9623	0.0370	0.1391	733.35
0.7992		0.9503	0.0448	-0.3359									
					0.2553	-0.5584	0.1238	-0.7618	0.0883	-0.9653	0.0400	0.1410	779.71
0.8014	0.1149	0.9525	0.0462	-0.3394	0.2333	-0.5614	0.1292	-0.7648	0.0916	-0.9683	0.0388	0.1430	723.25
0.8037	0.1131	0.9548	0.0492	-0.3429	0.2473	-0.5644	0.1310	-0.7678	0.0927	-0.9712	0.0395	0.1449	721.26
0.8059	0.1087	0.9570	0.0525	-0.3464	0.2284	-0.5674	0.1307	-0.7708	0.0908	-0.9742	0.0399	0.1468	729.50
0.8081	0.1068	0.9592		-0.3500	0.2387	-0.5704	0.1280	-0.7738	0.0842	-0.9772	0.0455	0.1488	783.36
		J. 707£	3.5070										
0.8103	0.1098			-0.3535	0.2264	-0.5734	0.1207	-0.7768	0.0837	-0.9802	0.0468	0.1507	878.89
0.8126	0.1131	X/PL	η		0.2227	-0.5764	0.1173	-0.7798	0.0810	-0.9832	0.0419	0.1526	880.24
0.8148	0.1186	-0.0103	0.4339	-0.3605	0.2222	-0.5794	0.1221	-0.7828	0.0768	-0.9862	0.0440	0.1546	850.42
0.8170	0.1122	-0.0188	0.4390	-0.3640	0.2236	-0.5823	0.1149	-0.7858	0.0768		0.0435	0.1565	816.95
0.8192													
	0.0988	-0.0274	0.4255	-0.3676	0.2314	-0.5853	0.1189	-0.7888	0.0747	-0.9922	U.U499	0.1585	814.30
0.8214	0.1031	-0.0359	0.4042	-0.3711	0.2224	-0.5883	0.1228	-0.7918	0.0733			0.1604	817.29
0.8237	0.1048	-0.0445	0.4226	-0.3746	0.2224	-0.5913	0.1272	-0.7947	0.0742			0.1623	810.17
0.8259	0.1101		0.4130	-0.3781	0.2113	-0.5943	0.1253	-0.7977	0.0747	CASE W	– Nu	0.1643	806.16
0.8281	0.1020		0.4007	-0.3817	0.2036	-0.5973	0.1169	-0.8007	0.0738	<u></u>			792.65
										V IEI	Ma.		
0.8303	0.0924	-0.0701	0.3773	-0.3852	0.2196	-0.6003	0.1144		0.0723	X/SL	Nu	0.1682	796.84
0.8326	0.0892	-0.0787	0.3554	-0.3887	0.1987	-0.6033	0.1175	-0.8067	0.0657	0.0384	887.21	0.1701	799.51
0.8326			0.3554 0.3303		0.1987 0.2060	-0.6033 -0.6063	0.1175		0.0669	0.0384 0.0403	887.21 897.93		799.51 800.91

0.1740	700.40	0.4125	956.95	0.5636	1088 01	0.7147	867.01	0.8658	848.42	-0.2020	530.54	-0.4416	486.18
0.1740	799.40						867.09	0.8681	847.58	-0.2055	520.88	-0.4451	489.36
0.1759	797.57	0.4147	943.99	0.5658		0.7170					514.03	-0.4487	488.60
0.1778	808.45	0.4170	954.42	0.5681		0.7192	865.09	0.8703	859.68	-0.2091			
0.1798	803.91	0.4192	954.55	0.5703	1082.94	0.7214	865.26	0.8725	865.11	-0.2126	507.08	-0.4522	490.63
0.1817	803.38	0.4214	949.71		1078.05	0.7236	853.81	0.8747	873.11	-0.2161	500.51	-0.4557	495.76
					1069.88	0.7258	849.10	0.8769	878.74	-0.2196	503.34	-0.4592	492.16
0.1837	799.40	0.4236	959.62				853.26	0.8792	877.22	-0.2232	483.89	-0.4628	494.66
0.1856	800.86	0.4259	942.59		1074.12	0.7281					490.05	-0.4663	492.72
0.1875	797.13	0.4281	942.05	0.5792	1079.90	0.7303	843.79	0.8814	884.11	-0.2267			
0.1895	795.39	0.4303	943.69	0.5814	1073.51	0.7325	848.59	0.8836	890.97	-0.2302	471 <i>.7</i> 7	-0.4698	489.50
0.1914	790.30	0.4325	948.75	0.5836	1059.79	0.7347	850.48	0.8858	897.20	-0.2337	491.05	-0.4733	486.50
			954.04		1058.23	0.7370	839.92	0.8881	892.88	-0.2372	481.44	-0.4769	484.72
0.1933	781.24	0.4347				0.7392	834.12	0.8903	901.69	-0.2408	483.83	-0.4804	487.21
0.1953	783.91	0.4370	952.14		1063.40					-0.2443	494.31	-0.4839	486.14
0.1972	789.64	0.4392	950.99	0.5903	1046.61	0.7414	839.85	0.8925	911.90				
0.1992	791.81	0.4414	953.42	0.5925	1042.08	0.7436	827.99	0.8947	914.58	-0.2478	485.72	-0.4874	489.67
0.2011	791.49	0.4436	947.09	n 5947	1020.24	0.7458	822.61	0.8969	928.07	-0.2513	510.67	-0.4910	483.32
			940.41		1032.69	0.7481	829.95	0.8992	933.13	-0.2549	494.33	-0.4945	475.09
0.2030	788.66	0.4459					828.66	0.9014	938.41	-0.2584	514.65	-0.4980	479.18
0.2050	790.48	0.4481	934.02		1043.84	0.7503					518.74	-0.5015	480.82
0.2069	785.35	0.4503	941.30	0.6014	1029.23	0.7525	822.01	0.9036	936.73	-0.2619			
0.2088	777.37	0.4525	942.40	0.6036	1018.09	0.7547	829.24	0.9058	943.82	-0.2654	523.68	-0.5050	481.11
0.2108	774.33	0.4547	943.20	0.6058	1014.36	0.7570	823.22	0.9081	958.87	-0.2690	541.48	-0.5086	483.91
	779.85	0.4570	943.61		1031.96	0.7592	832.88	0.9103	961.08	-0.2725	535.39	-0.5121	487.63
0.2127						0.7614	824.53	0.9125	968.14	-0.2760	560.64	-0.5156	480.65
0.2147	779.44	0.4592	950.57		1026.79						541.24	-0.5191	474.90
0.2166	774.72	0.4614	952.79	0.6125	1017.95	0.7636	822.19	0.9147	973.05	-0.2795			474.09
0.2185	763.82	0.4636	955.60	0.6147	999.50	0.7658	818.96	0.9169	983.46	-0.2831	565.96	-0.5227	
0.2205	758.43	0.4659	959.98	0.6170	1003.20	0.7681	836.69	0.9192	991.57	-0.2866	549.34	-0.5262	473.16
	758.31	0.4681	953.75		1003.19	0.7703	823.18	0.9214	1002.78	-0.2901	548.56	-0.5297	476.10
0.2224					989.97	0.7725	825.06	0.9236		-0.2936	552.51	-0.5332	477.17
0.2243	762.37	0.4703	949.95	0.6214				0.9258		-0.2971	538.77	-0.5368	478.93
0.2263	757.04	0.4725	959.27	0.6236	981.34	0.7747	819.95	0.9200	1022.01			-0.5403	477.52
0.2282	747.01	0.4747	961.74	0.6258	987.55	0.7770	820.99	0.9281		-0.3007	562.54		
0.2302	740.66	0.4770	955.40	0.6281	992.01	0.7792	836.08	0.9303		-0.3042	554.69	-0.5438	475.14
0.2302	736.47	0.4792	949.68	0.6303	980.17	0.7814	822.18	0.9325	1050.58	-0.3077	587.53	-0.5473	474.38
		-	959.64	0.6325	976.55	0.7836	824.62		1065.35	-0.3112	523.27	-0.5509	476.67
0.2334	734.47	0.4814		-			817.77		1088.03	-0.3148	525.78	-0.5544	478.09
0.2366	735.38	0.4836	968.35	0.6347	971.70	0.7858				-0.3183	536.03	-0.5579	478.31
0.2398	733.03	0.4859	974.58	0.6370	963.99	0.7881	816.36		1096.10				479.37
0.2430	732.79	0.4881	977.43	0.6392	967.89	0.7903	812.51		1095.58	-0.3218	513.98	-0.5614	
0.2461	731.02	0.4903	974.75	0.6414	954.67	0.7925	810.33	0.9436	1105.44	-0.3253	525.16	-0.5649	479.21
0.2493	733.66	0.4925	985.85	0.6436	958.21	0.7947	822.46	0.9458	1123.35	-0.3289	499.04	-0.5685	477.79
				0.6458	955.89	0.7969	817.79		1139.08	-0.3324	523.40	-0.5720	476.23
0.2525	735.89	0.4947	983.08				816.15		1146.85	-0.3359	509.70	-0.5755	476.47
0.2557	731.22	0.4970	982.19	0.6481	958.64	0.7992					507.70	-0.5764	484.14
0.2589	736.13	0.4992	983.33	0.6503	942.27	0.8014	815.90		1172.99	-0.3394			490.35
0.2621	739.79	0.5014	994.63	0.6525	925.61	0.8036	818.94		1211.09	-0.3430	510.27	-0.5794	
0.2653	744.45	0.5036	997.90	0.6547	936.75	0.8058	824.86	0.9569	1307.84	-0.3465	488.17	-0.5824	497.31
	760.79	0.5059	998.38	0.6570	936.05	0.8081	817.62	0.9592	1418.33	-0.3500	513.79	-0.5854	488.41
0.2685				0.6592	937.29	0.8103	818.13	•		-0.3535	481.74	-0.5884	479.23
0.2717	767.70		1001.54					V/DI	M1	-0.3571	505.79	-0.5914	477.76
0.2749	782.66	0.5103	1001.66	0.6614	925.82	0.8125	819.39	X/PL	Nu		489.94	-0.5944	481.13
0.2781	768.57		1006.18	0.6636	932.56	0.8147	822.42	-0.0103		-0.3606			
0.2813	786.94	0.5147	1008.49	0.6658	922.99	0.8169	817.61	-0.0188		-0.3641	498.35	-0.5974	492.87
0.2845	855.91	0.5170	1008.50	0.6681	918.36	0.8192	819.88	-0.0274	1197.03	-0.3676	475.05	-0.6003	496.01
	893.05		1019.02	0.6703		0.8214	816.49		1171.04	-0.3711	466.39	-0.6033	497.72
0.2877				0.6725		0.8236	821.12		1081.75	-0.3747	491.00	-0.6063	500.70
0.2909	858.32		1028.88	-					966.84	-0.3782	487.16	-0.6093	504.31
0.2941	803.93	0.5236	1023.12	0.6747		0.8258	816.71	-0.0530				-0.6123	527.89
0.2973	772.46	0.5259	1020.30	0.6770	903.48	0.8281	814.83	-0.0616	913.57	-0.3817	502.17		
0.3005	791.20	0.5281	1028.21	0.6792	903.42	0.8303	818.66	-0.0701	872.94	-0.3852	480.03	-0.6153	520.72
0.3037	859.52	0.5303	1042.30	0.6814	899.87	0.8325	821.15	-0.0787	818.00	-0.3888	477.41	-0.6183	495.55
		0.0000	1044.78	0.6836		0.8347	822.20	-0.0872	740.97	-0.3923	476.78	-0.6213	494.86
0.3069	879.72	0.5325	1044.76						682.32	-0.3958	479.96	-0.6243	495.22
0.3836	950.88	0.5347	1042.70	0.6858		0.8369	822.36	-0.0959		-0.3993	490.53	-0.6273	499.80
0.3859	954.36	0.5370	1056.13	0.6881		0.8392	821.89	-0.1044	653.57				490.95
0.3881	947.52	0.5392	1051.95	0.6903		0.8414	820.46	-0.1130	624.48	-0.4029	486.04	-0.6303	
0.3903	956.51		1061.68	0.6925		0.8436	822.80	-0.1215	602.43	-0.4064	486.49	-0.6333	505.93
0.3925	961.35		1067.04	0.6947		0.8458	823.79	-0.1301	593.26	-0.4099	478.28	-0.6362	484.10
				0.6970		0.8481	823.21	-0.1386	566.90	-0.4134	487.91	-0.6392	490.29
0.3947	957.43	0.5459	1073.04						569.92	-0.4170	489.20	-0.6422	512.25
0.3970	959.85	0.5481	1071.08	0.6992		0.8503	821.91	-0.1472			485.11	-0.6452	518.96
0.3992	964.12	0.5503	1081.01	0.7014		0.8525	832.64	-0.1557	538.78	-0.4205			
0.4014	958.37		1081.00	0.7036	870.89	0.8547	841.31	-0.1643	530.93	-0.4240	488.53	-0.6482	502.16
0.4036		0.5547	1084.50	0.7058		0.8569	842.24	-0.1728	535.79	-0.4275	478.37	-0.6512	
0.4059		0.5570	1082.94	0.7081		0.8592		-0.1814	524.80	-0.4310	484.11	-0.6542	
		0.0070	1085.41	0.7103		0.8614		-0.1899		-0.4346	483.01	-0.6572	514.76
0.4081	964.08									-0.4381	493.78	-0.6602	
0.4103	959.47	0.5614	1087.51	0.7125	868.92	0.8636	041.00	-0.1985	UZ 1.00	0.4001	4,0,,0	J.000E	

-0.6632	2 516.67	-0.8666	503.76	0.0771	0.2444	0.2089	0.2751	0.4530	0.2170	0.6040	0.1330	0.7550	0.1070
-0.6662		-0.8696		0.0791		0.2108		0.4550		0.6060		0.7550 0.7570	
-0.6692		-0.8726		0.0810		0.2128		0.4570		0.6080		0.7590	
-0.6721	516.50	-0.8756	510.54	0.0829		0.2147		0.4590		0.6100		0.7610	
-0.6751	493.42	-0.8786	509.16	0.0849		0.2166		0.4610		0.6130		0.7640	
-0.6781	494.14	-0.8816		0.0868		0.2186		0.4640		0.6150		0.7660	
-0.6811	485.04	-0.8845		0.0888	0.2297	0.2205		0.4660		0.6170		0.7680	0.1030
-0.6841	480.41	-0.8875	527.89	0.0907		0.2225		0.4680		0.6190		0.7700	0.1020
-0.6871		-0.8905	529.44	0.0926		0.2244	0.2864	0.4700		0.6210		0.7730	0.1020
-0.6901	496.87	-0.8935	525.19	0.0946		0.2263	0.2940	0.4730		0.6240		0.7750	0.1080
-0.6931		-0.8965		0.0965		0.2283	0.2958	0.4750		0.6260		0.7770	0.0971
-0.6961		-0.8995		0.0984	0.2215	0.2302	0.2892	0.4770		0.6280		0.7790	0.1020
-0.6991		-0.9025		0.1004	0.2207	0.2302	0.2830	0.4790		0.6300		0.7810	0.1020
-0.7021		-0.9055		0.1023	0.2234	0.2334	0.2764	0.4810	0.1970	0.6330		0.7840	0.0963
-0.7051		-0.9085		0.1043	0.2111	0.2366	0.2755	0.4840	0.1940	0.6350		0.7860	0.0956
-0.7080		-0.9115	-	0.1062	0.2131	0.2398	0.2684	0.4860	0.1950	0.6370		0.7880	0.0934
-0.7110		-0.9145		0.1081	0.2223	0.2430	0.2621	0.4880	0.1960	0.6390		0.7900	0.0936
-0.7140		-0.9174	551.13	0.1101	0.2108	0.2462	0.2572	0.4900	0.1920	0.6410		0.7930	0.0971
-0.7170		-0.9204	552.72	0.1120	0.2090	0.2494	0.2578	0.4930	0.1950	0.6440	0.1350	0.7950	0.0988
-0.7200		-0.9234	556.18	0.1139	0.2168	0.2526	0.2534	0.4950	0.1970	0.6460	0.1390	0.7970	0.0925
-0.7230		-0.9264	567.04	0.1159	0.2191	0.2558	0.2446	0.4970	0.1880	0.6480	0.1410	0.7990	0.0935
-0.7260		-0.9294	570.54	0.1178	0.2138	0.2590	0.2479	0.4990	0.1940	0.6500	0.1250	0.8010	0.0930
-0.7290		-0.9324	579.94	0.1198	0.2084	0.2622	0.2543	0.5010	0.1900	0.6530	0.1290	0.8040	0.0918
-0.7320	488.28	-0.9354	583.11	0.1217	0.2007	0.2654	0.2461	0.5040	0.1850	0.6550	0.1330	0.8060	0.0846
-0.7350	476.95	-0.9384	591.48	0.1236	0.2122	0.2686	0.2491	0.5060	0.1830	0.6570	0.1290	0.8080	0.0844
-0.7380	484.52	-0.9414	600.01	0.1256	0.2072	0.2718	0.2478	0.5080	0.1820	0.6590		0.8100	0.0861
-0.7409	479.91	-0.9444	607.98	0.1275	0.2015	0.2750	0.2611	0.5100	0.1750	0.6610	0.1300	0.8130	0.0917
-0.7439	481.32	-0.9474	621.29	0.1294	0.2003	0.2782	0.2424	0.5130	0.1710	0.6640	0.1410	0.8150	0.0903
-0.7469 -0.7499	471.14 472.43	-0.9504	628.60	0.1314	0.1980	0.2814	0.2434	0.5150	0.1740	0.6660	0.1240	0.8170	0.0848
-0.7529		-0.9533	631.68	0.1333	0.1974	0.2846	0.2549	0.5170	0.1760	0.6680	0.1270	0.8190	0.0839
-0.7559	477.35 483.01	-0.9563	638.33	0.1353	0.2052	0.2878	0.2797	0.5190	0.1700	0.6700	0.1250	0.8210	0.0888
-0.7589	483.01	-0.9593 -0.9623	649.91	0.1372	0.2072	0.2910	0.2704	0.5210	0.1660	0.6730	0.1180	0.8240	0.0952
-0.7619	463.68	-0.9653	655.34 665.92	0.1391	0.2045	0.2942	0.2353	0.5240	0.1680	0.6750	0.1190	0.8260	0.0936
-0.7649	473.48	-0.9683	679.76	0.1411 0.1430	0.2397 0.2274	0.2974	0.2129	0.5260	0.1640	0.6770	0.1170	0.8280	0.0952
-0.7679	467.98	-0.9713	683.85	0.1430	0.2358	0.3006 0.3038	0.2200	0.5280	0.1690	0.6790	0.1170	0.8300	0.0966
-0.7709	464.44	-0.9743	685.27	0.1469	0.2336	0.3069	0.3158 0.2856	0.5300	0.1670	0.6810	0.1140	0.8330	0.0868
-0.7739	462.49	-0.9773	693.89	0.1488	0.2421	0.3840	0.2090	0.5330	0.1620	0.6840	0.1160	0.8350	0.0919
-0.7768	461.81	-0.9803	705.93	0.1508	0.2841	0.3860	0.2090	0.5350 0.5370	0.1540 0.1620	0.6860	0.1200	0.8370	0.0953
-0.7798	462.42	-0.9833	721.34	0.1527	0.2730	0.3880	0.2080	0.5370	0.1550	0.6880	0.1260	0.8390	0.0953
-0.7828	460.83	-0.9863	733.55	0.1546	0.2426	0.3900	0.2160	0.5410	0.1450	0.6900 0.6930	0.1090	0.8410	0.0861
-0.7858	465.82	-0.9892	769.69	0.1566	0.2258	0.3930	0.2180	0.5440	0.1540	0.6950	0.1020 0.1170	0.8440 0.8460	0.0813 0.0799
-0.7888	460.47	-0.9922		0.1585	0.2254	0.3950	0.2170	0.5460	0.1530	0.6970	0.1170	0.8480	0.0799
-0.7918	465.04			0.1605	0.2277	0.3970	0.2130	0.5480	0.1520	0.6990	0.1170	0.8500	0.0946
-0.7948	464.84			0.1624	0.2306	0.3990	0.2210	0.5500	0.1550	0.7010	0.1080	0.8530	0.0917
-0.7978	460.65	CASE	N – n	0.1643	0.2391	0.4010	0.2110		0.1450	0.7040	0.1140	0.8550	0.0917
-0.8008	472.99			0.1663	0.2369	0.4040		0.5550			0.1100		0.0859
-0.8038	473.14	X/SL	η		0.2320	0.4060	0.2160	0.5570	0.1410	0.7080	0.1120	0.8590	0.0827
-0.8068	471.75	0.0384	0.4471	0.1701	0.2437	0.4080	0.2160	0.5590	0.1430	0.7100	0.1120	0.8610	0.0027
-0.8098	469.95	0.0403	0.4459	0.1721	0.2459	0.4100	0.2220	0.5610	0.1410	0.7130	0.1060		0.0769
-0.8127	477.37	0.0422	0.4081	0.1740	0.2469	0.4130	0.2210	0.5640	0.1470	0.7150	0.1060		0.0760
-0.8157	478.39	0.0442	0.3806	0.1760	0.2462		0.2240	0.5660	0.1380	0.7170	0.1120		0.0683
-0.8187	479.42	0.0461	0.3635	0.1779	0.2590		0.2250	0.5680	0.1370	0.7190	0.1050		0.0796
-0.8217	481.20	0.0481	0.4084		0.2562		0.2190		0.1410	0.7210	0.1110		0.0762
-0.8247	477.17	0.0500	0.4384	0.1818	0.2555		0.2220		0.1420	0.7240	0.1100		0.0696
-0.8277	475.89	0.0519	0.4281	0.1837	0.2552		0.2200	0.5750	0.1450	0.7260	0.1020		0.0744
-0.8307	482.67	0.0539	0.4108		0.2544		0.2050	0.5770	0.1400	0.7280	0.1090		0.0650
-0.8337	486.80	0.0558	0.3817		0.2545	0.4280	0.2010	0.5790	0.1440	0.7300	0.1010		0.0623
-0.8367	482.42	0.0577	0.3472		0.2596	0.4300	0.2050		0.1430	0.7330	0.1050		0.0666
-0.8397	482.77	0.0597	0.3102		0.2677		0.2160		0.1460	0.7350	0.1110		0.0671
-0.8427	485.95	0.0616	0.3162		0.2582	0.4350	0.2240	0.5860	0.1430	0.7370	0.1060		0.0569
-0.8457	491.04	0.0636	0.3280		0.2567		0.2200		0.1430	0.7390	0.1080		0.0567
-0.8486	489.90		0.3192		0.2613		0.2250		0.1390	0.7410	0.1030		0.0600
-0.8516	491.02		0.2986		0.2673		0.2250		0.1420	0.7440	0.1050		0.0566
-0.8546	495.08		0.2774		0.2707		0.2180		0.1350	0.7460	0.1010		0.0593
-0.8576	495.09		0.2636		0.2707		0.2140		0.1470	0.7480			0.0622
-0.8606	504.64		0.2448		0.2752		0.2080		0.1460		0.1000		0.0649
-0.8636	505.52	0.0752	0.2411	0.2070	0.2813	0.4500	0.2160	0.6010	0.1350	0.7530	0.0994	0.9040	0.0552

0.9060 0.0608 -0.2720 0.1970 -0.5120 0.1040 -0.7230 0.0497 -0.9260 0.0346 0.1158 707.3	
0.7000 0.0000 0.010 0.1170 7057	6 0.2589 763.13
0.9000 0.0043 -0.2700 0.1700 0.1700 0.1700	
0.9130 0.0551 -0.2830 0.2200 -0.5230 0.0859 -0.7320 0.0444 -0.9350 0.0391 0.1216 694.2	
	4 0.2685 774.69
0.7100 0.0040 -0.2070 0.2400 0.0407 0.1055 400.3	
0.9170 0.0077 -0.2700 0.2700 0.0027 0.7000 0.0027	
noton nnaga -n.294n n.274n -0.5330 0.0866 -0.7410 0.0484 -0.9440 0.0434 0.1275 696.7	
0.7770 0.0474 0.1004 0.000	8 0.2781 847.44
0.7210 0.0007 0.2770 0.2070 0.7170 0.0411 0.0500 0.0570 0.1212 7144	·
(),9240 (),0004 -0,0010 (),2000 -0.0400 (),1000 (),470 ()	
0.9260 0.0516 -0.3040 0.2850 -0.5440 0.0985 -0.7500 0.0448 -0.9530 0.0572 0.1333 738.7	
0.7200 0.0010 0.0010 0.1250 700 0	9 0.2877 926.34
0.9260 0.0492 -0.3000 0.2700 -0.0470 0.3700 0.7000 0.7000 0.0700 0.0700 0.0700	
0.7000 0.0410 -0.0110 0.2700 0.0010 0.0701	
0.9330 0.0436 -0.3150 0.2720 -0.5540 0.0935 -0.7590 0.0428 -0.9620 0.0566 0.1391 787.1	
0.7000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000	5 0.2973 888.23
0.9300 0.0443 -0.3160 0.2400 -0.0000 0.0771 0.7020 0.0000 0.0400 0.0400 754.0	
0.93/0 0.0431 -0.3220 0.2720 -0.0010 0.074	
0.9390 0.0377 -0.3250 0.2350 -0.5650 0.0992 -0.7680 0.0422 -0.9710 0.0584 0.1449 814.7	2 0.3037 882.25
	3 0.3069 886.15
0.9410 0.0373 -0.3270 0.2410 -0.0000 0.0700	
0.9440 0.0527 -0.5520 0.2170 -5.0700 0.0770 0.7740 0.0070	·
0.9460 0.0384 -0.3360 0.2180 -0.5730 0.1010 -0.7770 0.0396 -0.9800 0.0549 0.1507 928.4	
0.7400 0.0004 0.0000 0.1707 000 0	7 0.3881 933.93
0.9460 0.0390 -0.3390 0.2170 -0.0700 0.0700 0.7000 0.0010 0.0000 0.1544 010	
0,9500 0,0566 -0,5450 0,2070 -0.5770 0,7710 0,7660 0,6677	
0,7000 0,0000 0,1070 0,1605 000 0,0000 0,1070 0,1605 000 0	8 0,3947 933.98
0.9300 0.0000 -0.3000 0.1040 0.0000	
0.90/0 0.1010 -0.3000 0.1700 0.0000 0.0702	
0.9590 0.1540 -0.3570 0.1900 -0.5910 0.0906 -0.7950 0.0339 0.1623 867.1	
0.7070 0.1040 0.1040 0.1040 0.1040 0.1040 0.1040 0.1040 0.1040	4 0.4014 946.37
-0.3510 0.1750 -0.5750 0.0707 0.0705 0.0205	
χ/ρί η -0.3040 0.1000 -0.0970 0.0070 0.0010 0.0020	
- 0.0274 0.5420 -0.3680 0.1540 -0.6000 0.0947 -0.8040 0.0317 X/SL NU 0.1082 000.0	
0.0274 0.0420 0.100 0.000 0.0047 0.0070 0.0074 0.0394 012.63 0.1701 861.3	7 0.4081 953.38
-0.0359 0.3350 -0.0710 0.1520 0.0070 0.0100 0.0049 0.0409 004 49 0.1720 840 C	0 0.4103 960.40
-0.0700 0.1400 0.0700 0.1400	
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-0.0010 0.0020 -0.0020 0.1570 0.1070 0.0100 0.0200 0.0461 1064 55 0.1778 851 (5 0.4170 964.15
20.0701 0.4070 0.0000 0.1000 0.401	
-0.0787 0.4290 -0.3890 0.1530 -0.6180 0.0864 -0.8220 0.0333 0.0481 1131.24 0.1798 848.5	
-0.0872	
-0.00/2 0.0000 0.0101 0.0000 0.0001 0.0000 1101 44 0.1007 943	3 0.4236 961.52
-0.0900 0.2940 -0.0700 0.1070 0.0240 0.0700 0.0700 0.0700 0.0700	
-1) 1(21) 1) 28/0 -0.3990 0.1370 -0.0270 0.0040 0.0070 0.0000	• • • • • • • • • • • • • • • • • • • •
-0.1130	
0.1100 0.2010 0.4000 0.0004 0.0004 0.0077 1001 50 0.1905 8241	6 0.4303 968.81
-0.1210 0.2340 -0.4000 0.1200 0.0000 0.0000 0.0014 0.0007 1075 25 0.1014 9344	
10.1300 0.2030 -0.4100 0.1310 -0.0000 0.0077 0.0400 0.0074 0.0007	
-0.1300 0.2010 $-$ 0.4130 0.1400 $-$ 0.6390 0.0765 $-$ 0.8430 0.0336 0.0616 1051.94 0.1933 831.3	
0.1070 0.2010 0.400 0.0000 0.0440 0.0000 0.0494 1009 40 0.1059 8501	0.4370 974.21
-0.14/0 0.2040 -0.41/0 0.1240 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	8 0.4392 976.29
-0.1500 0.1600 -0.4200 0.1440 0.0405 0.0025	
-0.1640 0.1880 -0.4240 0.1350 -0.6480 0.0771 -0.8520 0.0273 0.0674 982.70 0.1992 822.3	
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-0.1700 0.1740 0.1740 0.000 0.000 0.000 0.000 0.46	32 0.4459 982.81
-0.1810 0.1790 -0.4310 0.1170 -0.0040 0.0004 0.0000	
4) 19(1) () 1//() -0,4000 (,1220 ,0.00/0 0.0000 0.0000	4 4500 000 10
0.1700 0.2000 - 1.000 0.4400 0.0454 0.0470 0.0300 0.0771 005 17 0.3098 844	4 0.4525 984.77
-0.2020 0.2040 0.1420 0.1200 0.001 0.	
-0.2000 0.2240 -0.4450 0.1500 -0.0000 0.0001 0.0750	
-0.2090 0.2440 -0.4490 0.1060 -0.6690 0.0569 -0.8730 0.0269 0.0810 863.02 0.2127 812.1	
- 150 0 1150 0 1700 0 1717 0 1740 0 0000 0 0000 956 66 0 0 1/17 700 1	0.4592 987.54
-0.2150 0.2460 0.456 0.456 0.0766 0.0025 0.0040 940 25 D.2166 7021	0.4614 992.86
-0.2100 0.2/10 -0.4000 0.1040 0.0700 0.0000	
-0.2200 0.2480 -0.4590 0.1090 -0.6780 0.0653 -0.8820 0.0283 0.0868 821.05 0.2185 789.	
-0.2200 0.2400 -0.4070 0.1070 0.0700 0.0000 0.0000	IU IIAAAY YAD.SI
-0.2200 0.2460 0.14670 0.11670 0.0586 0.0586 -0.8840 0.0327 0.0888 808.11 0.2205 786.	
-0.2200 0.2460 0.14630 0.1140 -0.6810 0.0586 -0.8840 0.0327 0.0888 808.11 0.2205 786.	
-0.2200 0.2460 0.14630 0.1140 -0.6810 0.0586 -0.8840 0.0327 0.0888 808.11 0.2205 786. -0.2270 0.2410 -0.4660 0.1230 -0.6840 0.0487 -0.8870 0.0363 0.0907 801.45 0.2224 772.	9 0.4681 990.65
-0.2200 0.2570 -0.4630 0.1140 -0.6810 0.0586 -0.8840 0.0327 0.0888 808.11 0.2205 786. -0.2270 0.2410 -0.4660 0.1230 -0.6840 0.0487 -0.8870 0.0363 0.0907 801.45 0.2224 772. -0.2300 0.2320 -0.4700 0.1220 -0.6870 0.0528 -0.8900 0.0345 0.0926 796.89 0.2243 773.	19 0.4681 990.65 95 0.4703 999.18
-0.2230	0.4681 990.65 0.4703 999.18 0.4725 1002.48
-0.2230	19 0.4681 990.65 95 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06
-0.2230	19 0.4681 990.65 95 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06
-0.2230	99 0.4681 990.65 95 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06 70 0.4770 1003.71
-0.2230	99 0.4681 990.65 95 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06 70 0.4770 1003.71 55 0.4792 1010.82
-0.2230	19 0.4681 990.65 95 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06 70 0.4770 1003.71 55 0.4792 1010.82 23 0.4814 1001.80
-0.2230	19 0.4681 990.65 95 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06 70 0.4770 1003.71 55 0.4792 1010.82 23 0.4814 1001.80 07 0.4836 1003.53
-0.2230	99 0.4681 990.65 0.4703 999.18 0.4725 1002.48 0.4747 999.06 0.4770 1003.71 0.4792 1010.82 0.4814 1001.80 07 0.4836 1003.53
-0.2230	19 0.4681 990.65 95 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06 70 0.4770 1003.71 25 0.4792 1010.82 23 0.4814 1001.80 27 0.4836 1003.53 39 0.4859 1004.03
-0.2230	19 0.4681 990.65 95 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06 70 0.4770 1003.71 65 0.4792 1010.82 23 0.4814 1001.80 07 0.4836 1003.53 39 0.4859 1004.03 08 0.4881 999.07
-0.2230	19 0.4681 990.65 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06 70 0.4770 1003.71 65 0.4792 1010.82 23 0.4814 1001.80 07 0.4836 1003.53 39 0.4859 1004.03 08 0.4881 999.07 15 0.4903 1000.09
-0.2230	19 0.4681 990.65 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06 70 0.4770 1003.71 65 0.4792 1010.82 23 0.4814 1001.80 07 0.4836 1003.53 39 0.4859 1004.03 08 0.4881 999.07 15 0.4903 1000.09
-0.2230	99 0.4681 990.65 0.4703 999.18 26 0.4725 1002.48 10 0.4747 999.06 0.4770 1003.71 0.4792 1010.82 23 0.4814 1001.80 07 0.4836 1003.53 39 0.4859 1004.03 08 0.4881 999.07 15 0.4903 1000.09 39 0.4925 1001.44

0.4970	1006.55	0.6481	992.33	0.7992	914.73	0.9503	997.31	-0.3359	532.32	-0.5764	477.66	- ∩ 7708	477.45
0.4992	2 1005.61	0.6503	985.40	0.8014	919.03	0.9525	1007.68	-0.3394		-0.5794		-0.7828	463.30
0.5014	1002.39	0.6525	997.93	0.8036			1020.07	-0.3430		-0.5824		-0.7858	460.65
	1004.22	0.6547	971.64	0.8058	871.86		1029.13	-0.3465		-0.5854		-0.7888	471.98
	1005.44	0.6570	964.35	0.8081	920.51		1051.50	-0.3500		-0.5884		-0.7918	458.87
0.5081	1011.41	0.6592	963.72	0.8103	908.68			-0.3535		-0.5914		-0.7948	459.16
0.5103	1013.10	0.6614		0.8125	883.65	X/PL	Nu	-0.3571	545.38	-0.5944		-0.7978	463.24
0.5125	1014.92	0.6636	966.24	0.8147	856.65		1245.86	-0.3606	532.74	-0.5974		-0.8008	470.73
0.5147	1027.90	0.6658	948.32	0.8169	851.69		1175.94	-0.3641	541.77	-0.6003	489.71	-0.8038	471.56
0.5170	1024.09	0.6681	945.75	0.8192	870.65		1104.66	-0.3676	537.09	-0.6033	482.50	-0.8068	481.79
0.5192	1028.91	0.6703	966.02	0.8214	856.29		1082.64	-0.3711	524.25	-0.6063	474.55	-0.8098	478.39
	1025.40	0.6725	955.63	0.8236	865.09		1029.02	-0.3747	544.65	-0.6093	475.04	-0.8127	474.40
	1036.70	0.6747	935.27	0.8258	850.87	-0.0530	966.78	-0.3782	517.93	-0.6123	481.29	-0.8157	472.88
	1040.22	0.6770	953.58	0.8281	850.53	-0.0616	896.17	-0.3817	542.31	-0.6153	475.01	-0.8187	475.96
	1037.50	0.6792	967.05	0.8303	880.06	-0.0701	825.96	-0.3852	521.72	-0.6183	489.41	-0.8217	490.10
	1040.00	0.6814	936.36	0.8325	874.50	-0.0787	771.27	-0.3888	533.36	-0.6213	512.59	-0.8247	489.19
	1043.41	0.6836	948.47	0.8347	857.89	-0.0872	732.16	-0.3923	522.59	-0.6243	514.03	-0.8277	482.76
	1047.19	0.6858	964.62	0.8369	834.79	-0.0959	692.70	-0.3958	519.50	-0.6273	509.05	-0.8307	473.83
	1053.96	0.6881	983.24	0.8392	845.10	-0.1044	669.33	-0.3993	534.87	-0.6303	513.42	-0.8337	477.24
	1055.71	0.6903	977.11	0.8414	847.19	-0.1130	664.33	-0.4029	505.48	-0.6333	520.18	-0.8367	477.86
	1047.54	0.6925	914.12	0.8436	833.86	-0.1215	620.52	-0.4064	534.97	-0.6362	504.34	-0.8397	481.06
	1057.26	0.6947	937.31	0.8458	829.03	-0.1301	621.99	-0.4099	516.39	-0.6392	488.35	-0.8427	481.49
	1073.97	0.6970	923.75	0.8481	835.46	-0.1386	591.18	-0.4134	529.02	-0.6422	475.04	-0.8457	488.68
	1062.35	0.6992	926.93	0.8503	850.15	-0.1472	595.03	-0.4170	516.04	-0.6452	482.54	-0.8486	483.82
	1065.04	0.7014	925.38	0.8525	836.00	-0.1557	577.68	-0.4205	513.74	-0.6482	471.48	-0.8516	497.25
	1063.51	0.7036	932.39	0.8547	830.67	-0.1643	565.32	-0.4240	530.14	-0.6512	473.42	-0.8546	499.85
	1071.10	0.7058	922.86	0.8569	845.67	-0.1728	575.46	-0.4275	500.41	-0.6542	492.87	-0.8576	503.68
	1071.73	0.7081	928.36	0.8592	856.15	-0.1814	552.54	-0.4310	528.83	-0.6572	500.97	-0.8606	496.51
	1079.17 1077.08	0.7103	928.72	0.8614	845.18	-0.1899	574.78	-0.4346	508.28	-0.6602	496.11	-0.8636	501.93
	1077.08	0.7125 0.7147	908.05 910.82	0.8636 0.8658	860.90 848.97	-0.1985	553.49	-0.4381	529.81	-0.6632	492.32	-0.8666	511.62
	1077.42	0.7170	924.48	0.8681	843.62	-0.2020	562.58	-0.4416	511.92	-0.6662	493.66	-0.8696	520.50
	1075.95	0.7170	934.10	0.8703	845.39	-0.2055 -0.2091	545.06 541.58	-0.4451 -0.4487	514.90 523.39	-0.6692 -0.6721	499.84 513.16	-0.8726	523.66
	1065.13	0.7214	921.07	0.8725	837.90	-0.2091	532.92	-0.4522	501.64	-0.6751	519.95	-0.8756 -0.8786	529.06 524.66
	1064.55	0.7236	930.53	0.8747	842.09	-0.2161	517.54	-0.4557	526.49	-0.6781	521.35	-0.8816	530.11
	1077.17	0.7258	955.82	0.8769	847.34	-0.2196	536.48	-0.4592	502.86	-0.6811	525.43	-0.8845	535.43
0.5770	1066.56	0.7281	910.24	0.8792	849.77	-0.2232	515.20	-0.4628	517.64	-0.6841	533.42	-0.8875	537.65
	1056.52	0.7303	906.33	0.8814	862.00	-0.2267	525.40	-0.4663	506.32	-0.6871	523.14	-0.8905	545.05
	1051.42	0.7325	882.55	0.8836	842.32	-0.2302	518.02	-0.4698	504.55	-0.6901	525.21	-0.8935	550.78
	1059.73	0.7347	911.78	0.8858	861.39	-0.2337	530.01	-0.4733	506.36	-0.6931	526.42	-0.8965	554.65
	1071.98	0.7370	903.47	0.8881	867.06	-0.2372	533.79	-0.4769	494.79	-0.6961	521.41	-0.8995	556.27
	1056.95	0.7392	905.07	0.8903	887.81	-0.2408	528.45	-0.4804	514.07	-0.6991	540.24	-0.9025	559.28
	1044.01	0.7414	906.37	0.8925	879.44	-0.2443	547.51	-0.4839	493.41	-0.7021	514.48	-0.9055	562.65
	1047.83	0.7436	907.92	0.8947	869.80	-0.2478	535.04	-0.4874	512.88	-0.7051	497.79	-0.9085	567.15
	1044.71	0.7458	911.24	0.8969	868.28	-0.2513	558.88	-0.4910	495.30	-0.7080	502.38	-0.9115	571.50
	1047.63 1029.91	0.7481	913.95	0.8992	867.39	-0.2549	550.11	-0.4945	504.45	-0.7110	513.49	-0.9145	574.75
	1029.91	0.7503 0.7525	898.15 918.56	0.9014 0.9036	888.64 895.09	-0.2584		-0.4980	503.61	-0.7140	506.22	-0.9174	
	1031.90	0.7547	899.74	0.9058	896.31	-0.2619	572.00	-0.5015	486.29	-0.7170	507.70	-0.9204	586.18
	1042.43	0.7570	910.33	0.9081	885.46	-0.2654 -0.2690	568.87	-0.5050 -0.5086	500.77 491.84	-0.7200	507.33 503.93	-0.9234	593.10
	1023.64	0.7592	919.42		866.83	-0.2725	593.88 578.63	-0.5121	505.91	-0.7230 -0.7260	503.93	-0.9264	601.28
	1024.32	0.7614	906.69		873.87	-0.2760	602.00	-0.5156	488.00	-0.7290	504.85	-0.9294 -0.9324	606.59 615.74
0.6125		0.7636	886.09		882.87	-0.2795	588.79	-0.5191	504.12	-0.7320	501.01	-0.9354 -0.9354	624.80
	1025.76	0.7658	935.45		884.67	-0.2831	598.65	-0.5227	497.78	-0.7350	489.04	-0.9384	633.73
0.6170		0.7681	895.90		876.67	-0.2866	576.46	-0.5345	491.84	-0.7380	481.53	-0.9414	647.10
0.6192		0.7703	856.82	0.9214	880.56	-0.2901	564.59	-0.5375	502.43	-0.7409	486.86	-0.9444	659.17
0.6214		0.7725	882.59		896.16	-0.2936	565.62	-0.5405	502.36	-0.7439	487.55	-0.9474	668.83
0.6236	1030.38	0.7747	883.35		910.99	-0.2971	530.87	-0.5435	492.11	-0.7469	491.04		676.32
0.6258		0.7770	870.87	0.9281	915.60	-0.3007	562.37	-0.5465	488.01	-0.7499	489.32	-0.9533	684.63
0.6281		0.7792	872.28		925.18	-0.3042	582.27	-0.5495	468.56	-0.7529	496.09		693.34
0.6303		0.7814	883.54		925.23	-0.3077	547.74	-0.5525	480.23	-0.7559	482.35		706.41
0.6325		0.7836	873.42		934.94	-0.3112	530.72		463.85	-0.7589	484.48		720.65
0.6347		0.7858	865.47		950.13	-0.3148	534.68		464.59	-0.7619	503.20		733.30
0.6370		0.7881	855.79		964.10	-0.3183	542.36		455.62	-0.7649	484.60		748.58
	999.46		898.26		971.48	-0.3218	521.33			-0.7679	481.05		761.99
0.6414 0.6436		0.7925 0.7947	933.19 874.08		974.92	-0.3253	538.13		461.45	-0.7709			775.20
0.6458	982.85		896.41		980.18 987.99	-0.3289 -0.3324	524.33			-0.7739 -0.7768			790.27
J	,02.00	J./ 7U7	370.41	J. 7401	747.77	-0.3324	540.76	0.07.04	407.00	-0.7700	479.81	-0.9803	804.05

												00/14	0.1000	0.0450
1.56 1.56	-0.9833	819.39	0.1530	0.3120	0.3880	0.2390	0.5390	0.2100		0.1020	0.8410	0.0614	-0.1300	0.2450
	-0.9863	832.97	0.1550	0.2950	0.3900	0.2410	0.5410							
			0.1570	0.2500	0.3930	0.2420	0.5440	0.2050						
CASE X - 1		863.15	0.1590	0.2760	0.3950	0.2440	0.5460							
CASE X - 1	V				0.3970	0.2400	0.5480	0.1870						
					0.3990	0.2360		0.1870	0.7010					
VISI	CASE	X – n			0.4010	0.2320	0.5530	0.1830						
Math	<u> </u>				0.4040	0.2320	0.5550	0.1760	0.7060					
0.0030 0.1610 0.1700 0.2280 0.4080 0.2280 0.5590 0.1830 0.1700 0.0780 0.8610 0.0573 0.2020 0.2440 0.0020 0.0030 0.1760 0.2280 0.5610 0.1830 0.1710 0.0763 0.8640 0.0852 0.2285 0.2480 0.0026 0.1760 0.2710 0.0763 0.8600 0.0685 0.2090 0.2480 0.0026 0.	Y/\$I	n			0.4060		0.5570	0.1650	0.7080	0.0753				
Dec	•							0.1830	0.7100	0.0780	0.8610			
100422 0.1000									0.7130	0.0779	0.8640	0.0825		
1.00421 0.4000								0.1790	0.7150	0.0753	0.8660	0.0685		
0.0481 0.4400 0.1780 0.2880 0.4170 0.2240 0.5570 0.1780 0.7210 0.0730 0.8770 0.0698 0.2150 0.2240 0.5750 0.1780 0.7210 0.0730 0.8770 0.06971 0.2200 0.2060 0.0260										0.0794	0.8680	0.0669		
0.0000											0.8700	0.0698	-0.2160	
0.050											0.8730	0.0671	-0.2200	
0.656										0.0728	0.8750	0.0670		
0.0558 0.4450 0.1860 0.2980 0.4260 0.2140 0.5770 0.1710 0.7280 0.0706 0.8790 0.0504 0.2300 0.3330 0.0588 0.0581 0.1880 0.2755 0.23280 0.2160 0.5790 0.1740 0.7300 0.0770 0.8810 0.0627 0.2340 0.2330 0.0587 0.4420 0.1900 0.2440 0.4330 0.2080 0.5590 0.1360 0.7350 0.0678 0.8840 0.0564 0.2440 0.2240 0.0565 0.05840 0.1510 0.7355 0.0807 0.8860 0.0562 0.2410 0.2240 0.03830 0.0568 0.0582 0.1510 0.7355 0.0807 0.8860 0.0562 0.24410 0.2240 0.03830 0.05880 0.1540 0.7350 0.0774 0.8060 0.0564 0.2440 0.2240 0.05580 0.05840 0.1510 0.7355 0.0807 0.8860 0.0562 0.24410 0.2240 0.05580 0.05580 0.05880 0.0569 0.05860 0.0562 0.0240 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.0562 0.05680 0.05680 0.0562 0.05680 0										0.0791	0.8770	0.0594	-0.2270	
Company Comp										0.0706	0.8790	0.0604		
0.6876 0.4426 0.1906 0.2440 0.2430 0.2330 0.5810 0.1570 0.7350 0.0678 0.8840 0.0594 0.2340 0.2240 0.2240 0.2650 0										0.0790	0.8810	0.0627	-0.2340	
1.00977 0.4886 0.1970 0.2244 0.2240												0.0594	-0.2370	
100616 0.4696 0.11920 0.2596 0.2440 0.4370 0.2080 0.5880 0.1540 0.7370 0.0703 0.8880 0.0554 0.2440 0.2170 0.0055 0.3720 0.1970 0.2220 0.4390 0.2800 0.5880 0.1340 0.7410 0.0841 0.8930 0.0694 0.22680 0.2160 0.0674 0.3470 0.2080 0.2640 0.2180 0.8980 0.0593 0.1330 0.7410 0.0841 0.8930 0.0694 0.2550 0.2200 0.0664 0.3240 0.21010 0.2410 0.4440 0.1220 0.8950 0.1280 0.7440 0.0921 0.8895 0.0489 0.2550 0.2200 0.0694 0.3240 0.0013 0.2410 0.4440 0.1292 0.8950 0.1290 0.7460 0.0876 0.8970 0.0399 0.2520 0.2020 0.0013 0.2920 0.2620 0.2620 0.4840 0.1990 0.1260 0.7840 0.0864 0.9910 0.0399 0.2620 0.2620 0.2620 0.2620 0.0620 0.0620 0.0620 0.0620 0.0013 0.0620 0.0262 0.0620												0.0562	-0.2410	
1.950 0.385 1.1950 0.2240 0.2370 0.2280 0.5280 0.5280 0.5280 0.1490 0.0241 0.0841 0.8930 0.0598 0.22510 0.2160 0.0644 0.3470 0.1990 0.2250 0.4410 0.2060 0.5990 0.1330 0.7440 0.0921 0.8950 0.0898 0.02580 0.2020 0.0664 0.3240 0.2201 0.2401 0.4440 0.1990 0.5990 0.1290 0.7440 0.0874 0.8950 0.0899 0.02580 0.2020 0.0733 0.02020 0.22020 0.2260 0.2460 0.4460 0.1940 0.5990 0.1260 0.7460 0.0874 0.8990 0.0399 0.2620 0.2620 0.0600 0.0600 0.0910 0.0864 0.9990 0.0244 0.2650 0.2000 0.0752 0.2730 0.0070 0.2620 0.4650 0.1960 0.6910 0.1120 0.7530 0.0664 0.9940 0.0333 0.2270 0.2010 0.0771 0.2610 0.2990 0.2540 0.4550 0.2020 0.6600 0.1230 0.7550 0.0668 0.9900 0.0333 0.2720 0.2050 0.0860 0.9910 0.0034 0.2700 0.4650 0.2020 0.6600 0.1230 0.7550 0.0668 0.9900 0.0333 0.2720 0.2050 0.0860 0.0910 0.0034 0.2700 0.4650 0.2020 0.6600 0.1230 0.7550 0.0860 0.9910 0.0333 0.2270 0.2050 0.0860 0.0910 0.0864 0.9910 0.0348 0.2700 0.4650 0.0204 0.0860 0.0910 0.0860 0.9910 0.0034 0.0240 0.2560 0.0460 0.0240 0.0668 0.1230 0.7550 0.0860 0.9910 0.0038 0.2270 0.2030 0.0860 0.0910 0.0869 0.0910 0.0034 0.0860 0.0910 0.0034 0.0910 0.0034 0.0860 0.0910 0.0034 0.0860 0.0910 0.0034 0.0860 0.0910 0.0034 0.0910 0.0910 0.0910 0.0034										0.0703		0.0554	-0.2440	
0.0858 0.3970 0.1976 0.2720 0.4590 0.2080 0.5900 0.1360 0.7410 0.0981 0.8980 0.0598 0.2560 0.2020 0.0664 0.3240 0.2010 0.2410 0.4410 0.1920 0.5950 0.1380 0.7440 0.0921 0.8950 0.0489 0.2560 0.2020 0.00732 0.2920 0.2050 0.2460 0.4460 0.1920 0.5970 0.1270 0.7480 0.0748 0.0876 0.8970 0.0464 0.2580 0.2020 0.0732 0.2920 0.2050 0.2360 0.4460 0.1920 0.5970 0.1220 0.7580 0.0890 0.0890 0.0890 0.0390 0.0220 0.2020 0.0750 0.2020												0.0604	-0.2480	0.2110
0.08574 0.3470 0.1990 0.2500 0.4410 0.2500 0.5990 0.1330 0.7440 0.0921 0.8950 0.0489 0.2550 0.2000 0.0664 0.3240 0.2010 0.2010 0.2461 0.4460 0.1920 0.5950 0.1220 0.7480 0.0876 0.8970 0.0454 0.2580 0.2100 0.0733 0.3040 0.2030 0.2460 0.4460 0.1990 0.5970 0.1260 0.7500 0.0860 0.9010 0.0494 0.2550 0.2000 0.0752 0.2730 0.2070 0.2560 0.4880 0.1990 0.6010 0.1120 0.7530 0.0915 0.0910 0.0464 0.0250 0.0010 0.0751 0.2500 0.2500 0.4860 0.1990 0.6010 0.1120 0.7530 0.0915 0.0910 0.0464 0.0250 0.2000 0.0771 0.2610 0.2090 0.2560 0.4550 0.2000 0.6060 0.1200 0.7550 0.0250 0.0010 0.2700 0.4550 0.2000 0.6060 0.1200 0.7550 0.0250 0.0010 0.2700 0.4550 0.2000 0.6060 0.1200 0.7550 0.02680 0.0010 0.2000 0.2500 0.4570 0.1970 0.6080 0.1200 0.7590 0.0880 0.9100 0.0088 0.0268 0.0260 0.0860											0.8930	0.0598	-0.2510	0.2160
0.0694 0.3240 0.2210 0.2210 0.2410 0.4440 0.1920 0.5950 0.1290 0.7460 0.0876 0.8970 0.0399 0.02620 0.2020 0.0733 0.3040 0.2030 0.2460 0.4480 0.1940 0.5970 0.1270 0.7580 0.0760 0.9701 0.0424 0.2580 0.2020 0.0752 0.2730 0.2070 0.2620 0.4800 0.1980 0.6010 0.1120 0.7530 0.0800 0.9010 0.0424 0.2580 0.2020 0.0771 0.2610 0.2090 0.2540 0.4530 0.1990 0.6040 0.1150 0.7550 0.0680 0.9010 0.0333 -0.22720 0.2020 0.0771 0.2500 0.2110 0.2700 0.4550 0.2020 0.6060 0.1230 0.7570 0.0748 0.0901 0.0383 -0.22720 0.2020 0.0810 0.2440 0.2130 0.2390 0.4570 0.1970 0.6080 0.1200 0.7570 0.0748 0.0901 0.0088 0.2790 0.0801 0.0840 0.2130 0.2390 0.4570 0.1970 0.6080 0.1200 0.7570 0.0889 0.9130 0.0088 0.2790 0.2080 0.0889 0.2100 0.2170 0.2580 0.4590 0.2020 0.6150 0.1050 0.7640 0.0819 0.9150 0.0088 0.2790 0.2080 0.0888 0.2100 0.2170 0.2580 0.4590 0.1920 0.6150 0.1050 0.7640 0.0819 0.9150 0.0088 0.2790 0.2080 0.0888 0.2120 0.2170 0.2580 0.4640 0.1920 0.6150 0.1050 0.7640 0.0819 0.9150 0.0059 0.2280 0.2210 0.2980 0.4640 0.1920 0.6150 0.1050 0.7640 0.0819 0.9150 0.0059 0.2290 0.2110 0.0888 0.2210 0.2210 0.2580 0.4660 0.2010 0.1070 0.1050 0.7640 0.0819 0.9150 0.0059 0.2290 0.2210 0.0880 0.2210 0.2210 0.2580 0.4660 0.2010 0.1070 0.1050 0.7640 0.0819 0.9150 0.0059 0.2290 0.2110 0.0888 0.2240 0.2220 0.2240 0.2220 0.2460 0.2460 0.4750 0.1870 0.0917 0.7700 0.0753 0.0958 0.2240 0.2550 0.4660 0.2110 0.0917 0.0982 0.7750 0.0938 0.0944 0.0909 0.0035 0.0044 0.0919 0.0035 0.0041 0.09													-0.2550	0.2020
0.0713												0.0454	-0.2580	0.2100
0.0732														0.2020
0.0752 0.2750 0.2070 0.2020 0.4500 0.1980 0.6010 0.1150 0.7550 0.0616 0.0904 0.0333 0.2720 0.2020 0.0771 0.2610 0.2050 0.2010 0.2050 0.2560 0.2020 0.4550 0.02020 0.6060 0.1230 0.7570 0.0748 0.9080 0.0233 0.2720 0.2020 0.0880 0.1230 0.7570 0.0748 0.9080 0.0233 0.2720 0.2020 0.0880 0.1230 0.7570 0.0748 0.9080 0.0238 0.2790 0.2050 0.0881 0.2020 0.2020 0.6060 0.1230 0.7570 0.0748 0.9080 0.0268 0.2790 0.2050 0.0890 0.2240 0.2150 0.2300 0.4570 0.1970 0.6080 0.1230 0.7570 0.0788 0.9080 0.0078 0.22790 0.2050 0.0892 0.22400 0.2150 0.2500 0.4590 0.2020 0.6100 0.1250 0.7540 0.0880 0.9130 0.0078 0.2280 0.2110 0.0888 0.2110 0.2210 0.2210 0.2520 0.4600 0.1920 0.6150 0.1550 0.7540 0.0810 0.0989 0.9150 0.0058 0.2280 0.2010 0.0888 0.2110 0.2210 0.2210 0.2530 0.4660 0.12010 0.6150 0.1550 0.7540 0.0810 0.09170 0.0059 0.22900 0.2110 0.0888 0.2120 0.2210 0.2250 0.4660 0.12010 0.6170 0.1120 0.7680 0.1040 0.9190 0.0035 0.2940 0.1590 0.0938 0.0939 0.0939 0.2200 0.00460 0.0938 0.0939 0.0039 0												0.0424		0.2040
0.0771 0.2510 0.290 0.2540 0.2500 0.2540 0.4530 0.1990 0.6040 0.1150 0.7550 0.0668 0.9060 0.0333 0.2720 0.2020 0.0771 0.2500 0.2110 0.2700 0.4550 0.2020 0.6060 0.1200 0.7590 0.0880 0.9080 0.0088 0.2760 0.2050 0.0810 0.2240 0.2250 0.4570 0.1970 0.6080 0.1200 0.7590 0.0880 0.9100 0.0088 0.2770 0.2050 0.0829 0.2420 0.2150 0.2500 0.4570 0.1970 0.6080 0.1200 0.7590 0.0880 0.9100 0.0088 0.2770 0.2050 0.0869 0.2210 0.2170 0.2380 0.4610 0.2040 0.4613 0.1050 0.7640 0.0869 0.9130 0.0078 0.2830 0.2110 0.0868 0.2210 0.2170 0.2520 0.4640 0.1920 0.6150 0.1050 0.7640 0.0869 0.9130 0.0058 0.2870 0.2080 0.0888 0.2210 0.2210 0.2530 0.4660 0.1920 0.6150 0.1050 0.7640 0.0160 0.9190 0.0059 0.2890 0.2110 0.0888 0.2220 0.2240 0.2250 0.4640 0.1920 0.6150 0.1050 0.7660 0.1040 0.9190 0.0059 0.2940 0.0050 0.0970 0.0059 0.2260 0.2260 0.2260 0.2260 0.4680 0.1920 0.6150 0.0971 0.7700 0.0753 0.9210 0.0017 0.2260 0.0001 0.0												0.0378	-0.2690	0.2010
0.0791 0.2800 0.2100 0.2390 0.4590 0.2020 0.6080 0.1220 0.7550 0.0788 0.9080 0.0268 0.2799 0.2050 0.0810 0.2240 0.2150 0.2390 0.4590 0.2020 0.6080 0.1200 0.7590 0.0809 0.9100 0.0088 0.2799 0.2050 0.0829 0.22020 0.2100 0.2200 0.4590 0.2020 0.6100 0.1260 0.7510 0.0869 0.9100 0.0078 0.2830 0.2110 0.0849 0.2370 0.2170 0.2380 0.4640 0.1920 0.6150 0.1050 0.7640 0.0819 0.9150 0.0058 0.22870 0.2080 0.0868 0.2210 0.2210 0.2210 0.2530 0.4640 0.1920 0.6150 0.1050 0.7640 0.0819 0.9150 0.0059 0.2290 0.2110 0.0868 0.2210 0.2210 0.2230 0.4640 0.1920 0.6150 0.1050 0.7640 0.1210 0.9170 0.0059 0.2290 0.2110 0.0868 0.2210 0.2210 0.2230 0.4640 0.1920 0.6150 0.1050 0.7640 0.1210 0.9170 0.0059 0.2290 0.2110 0.0926 0.02270 0.2240 0.2280 0.4640 0.1910 0.6170 0.0120 0.7650 0.10140 0.91910 0.0055 0.2290 0.1910 0.0056 0.0070 0.00926 0.2270 0.2240 0.2880 0.4700 0.1910 0.6210 0.0995 0.7730 0.0858 0.9240 0.0017 0.2270 0.1590 0.00946 0.2270 0.2260 0.2260 0.2580 0.4700 0.1910 0.6240 0.00912 0.7730 0.0058 0.9240 0.0017 0.2270 0.1590 0.00946 0.2270 0.2260 0.2260 0.2460 0.4750 0.1890 0.6240 0.1030 0.7770 0.0055 0.9280 0.0032 0.3080 0.1770 0.0094 0.2260 0.2330 0.2650 0.4790 0.1880 0.6240 0.1030 0.07770 0.0084 0.9280 0.0032 0.3080 0.1770 0.0094 0.0094 0.2280 0.2330 0.2650 0.4790 0.1830 0.6830 0.0087 0.7840 0.0940												0.0333	-0.2720	0.2020
0.0810 0.2400 0.2100 0.2500 0.4570 0.1570 0.0880 0.1200 0.7550 0.0880 0.9100 0.0088 0.2790 0.2050 0.0892 0.2370 0.2110 0.2370 0.2170 0.2380 0.4610 0.2040 0.6130 0.1050 0.7640 0.0819 0.9150 0.0058 0.2870 0.2080 0.0888 0.2120 0.2110 0.2520 0.4600 0.1920 0.6100 0.1050 0.7640 0.0819 0.9150 0.0058 0.2870 0.2080 0.0888 0.2120 0.2210 0.2210 0.2530 0.4640 0.1920 0.6150 0.1050 0.7640 0.1010 0.9170 0.0059 0.2940 0.1980 0.0907 0.2240 0.22240 0.2220 0.2440 0.4680 0.1920 0.6169 0.0917 0.7700 0.0753 0.9210 0.0017 0.02940 0.1980 0.0907 0.2240 0.2220 0.2240 0.4580 0.1920 0.6100 0.0905 0.7730 0.0858 0.9240 0.0050 0.1570 0.0946 0.2270 0.2260 0.2650 0.4790 0.1880 0.6240 0.0905 0.7750 0.0903 0.9240 0.0050 0.3110 0.1670 0.0946 0.2270 0.2260 0.2650 0.4770 0.1890 0.6240 0.0905 0.7750 0.0903 0.9240 0.0050 0.3110 0.1670 0.0946 0.2270 0.2280 0.2610 0.4750 0.1890 0.6280 0.1030 0.7770 0.0805 0.9280 0.0033 0.3040 0.1710 0.0965 0.2260 0.2300 0.2650 0.4770 0.1880 0.6300 0.0878 0.7810 0.0842 0.9300 0.0064 0.3110 0.1660 0.1000 0.2270 0.2300 0.2620 0.4790 0.1880 0.6300 0.0878 0.7810 0.0842 0.9300 0.0064 0.3110 0.1660 0.1000 0.2240 0.2330 0.2840 0.4810 0.1830 0.6300 0.0878 0.7810 0.0863 0.9330 0.0054 0.3110 0.1660 0.1000 0.2240 0.2370 0.2610 0.4840 0.1930 0.6300 0.0878 0.7810 0.0863 0.9330 0.0054 0.3110 0.1660 0.1000 0.2240 0.2330 0.2840 0.4810 0.1830 0.6300 0.0878 0.7810 0.0863 0.9330 0.0055 0.3150 0.1530 0.1000 0.2240 0.2330 0.2650 0.4890 0.1830 0.6300 0.0878 0.7810 0.0863 0.9330 0.0055 0.3180 0.1930 0.1000 0.2240 0.2370 0.2610 0.4840 0.1830 0.6330 0.0827 0.7860 0.0763 0.9370 0.0051 0.33180 0.1930 0.1000 0.2240 0.2240 0.2550 0.4860 0.1930 0.6300 0.0878 0.7800 0.0765 0.0863 0.9330 0.0055 0.33180 0.1930 0.1000 0.2240 0.2240 0.2550 0.4860 0.1930 0.6300 0.0860 0.0770 0.0806 0.9410 0.00770 0.3250 0.1840 0.11100 0.2240 0.2250 0.2650 0.2650 0.4800 0.1930 0.6640 0.0876 0.7930 0.1010 0.9440 0.0056 0.3320 0.1840 0.11100 0.2240 0.2250 0.2650 0.2650 0.4950 0.1830 0.6650 0.0886 0.0930 0.0064 0.0064 0.3330 0.1840 0.1350 0.1510 0.1940 0.6660 0.0860 0.0860 0.													-0.2760	0.2050
0.0829														0.2050
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0.1160 0.2240 0.2560 0.2550 0.4970 0.1980 0.6480 0.0882 0.7990 0.0914 0.9500 0.0072 -0.3430 0.1770 0.1180 0.2110 0.2590 0.2570 0.4990 0.1890 0.6500 0.0670 0.8010 0.1040 0.9530 0.0124 -0.3460 0.1720 0.1200 0.2260 0.2620 0.2560 0.5010 0.1980 0.6530 0.0844 0.8040 0.0759 0.9550 0.0174 -0.3530 0.1770 0.1220 0.2320 0.2650 0.2520 0.5040 0.1900 0.6550 0.0747 0.8060 0.8977 0.9570 0.0224 -0.3530 0.1770 0.1240 0.2330 0.2670 0.5080 0.2050 0.6570 0.0683 0.8800 0.0937 0.9590 0.0342 -0.3570 0.1740 0.1280 0.2320 0.2750 0.2840 0.5100 0.1940 0.6610 0.0602 0.8130 0.0634 X/PL η <td></td> <td>0.9480</td> <td>0.0044</td> <td></td> <td></td>											0.9480	0.0044		
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0.1260 0.2230 0.2720 0.2670 0.5080 0.2050 0.6590 0.0586 0.8100 0.0773									0.8080	0.0937	0.9590	0.0342		
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0.1310 0.2530 0.2810 0.3530 0.5150 0.2100 0.6660 0.0619 0.8170 0.0588 -0.0359 0.2920 -0.3710 0.1590 0.1330 0.2610 0.2850 0.3560 0.5170 0.2110 0.6680 0.0594 0.8190 0.0589 -0.0445 0.2870 -0.3750 0.1580 0.1350 0.2720 0.2880 0.3360 0.5190 0.2100 0.6700 0.0819 0.8210 0.0469 -0.0530 0.2790 -0.3780 0.1490 0.1370 0.3230 0.2910 0.3050 0.5210 0.2130 0.6730 0.0786 0.8240 0.0555 -0.0616 0.2710 -0.3820 0.1570 0.1390 0.2910 0.2940 0.2780 0.5240 0.2220 0.6750 0.0705 0.8260 0.0405 -0.0701 0.2640 -0.3850 0.1410 0.1410 0.2880 0.2970 0.3040 0.5260 0.2210 0.6770 0.0758 0.8280 0.0419 <t< td=""><td></td><td>0.2020</td><td></td><td></td><td></td><td></td><td></td><td>0.0634</td><td>0.8150</td><td>0.0683</td><td>-0.0274</td><td></td><td></td><td></td></t<>		0.2020						0.0634	0.8150	0.0683	-0.0274			
0.1330 0.2610 0.2850 0.3560 0.5170 0.2110 0.6680 0.0594 0.8190 0.0589 -0.0445 0.2870 -0.3780 0.1380 0.1350 0.2720 0.2880 0.3360 0.5190 0.2100 0.6700 0.0819 0.8210 0.0469 -0.0530 0.2790 -0.3780 0.1490 0.1370 0.3230 0.2910 0.3050 0.5210 0.2130 0.6730 0.0786 0.8240 0.0555 -0.0616 0.2710 -0.3820 0.1570 0.1390 0.2910 0.2940 0.2780 0.5240 0.2220 0.6750 0.0705 0.8260 0.0405 -0.0701 0.2640 -0.3850 0.1410 0.1410 0.2880 0.2970 0.3040 0.5260 0.2210 0.6770 0.0758 0.8280 0.0419 -0.0787 0.2670 -0.3890 0.1400 0.1430 0.3110 0.3010 0.3090 0.5280 0.2140 0.6790 0.0771 0.8300 0.0501 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>0.6660</td><td>0.0619</td><td>0.8170</td><td></td><td></td><td></td><td></td><td></td></t<>							0.6660	0.0619	0.8170					
0.1350 0.2720 0.2880 0.3360 0.5190 0.2100 0.6700 0.0819 0.8210 0.0469 -0.0530 0.2790 -0.3780 0.1490 0.1370 0.3230 0.2910 0.3050 0.5210 0.2130 0.6730 0.0786 0.8240 0.0555 -0.0616 0.2710 -0.3820 0.1570 0.1390 0.2910 0.2940 0.2780 0.5240 0.2220 0.6750 0.0705 0.8260 0.0405 -0.0701 0.2640 -0.3850 0.1410 0.1410 0.2880 0.2970 0.3040 0.5260 0.2210 0.6770 0.0758 0.8280 0.0419 -0.0787 0.2670 -0.3890 0.1400 0.1430 0.3110 0.3010 0.3090 0.5280 0.2140 0.6790 0.0771 0.8300 0.0501 -0.0872 0.2630 -0.3920 0.1380 0.1450 0.2590 0.3040 0.3120 0.5300 0.2170 0.6810 0.0726 0.8350 0.0520 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>0.6680</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							0.6680							
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0.1490 0.3370 0.3840 0.2350 0.5350 0.2140 0.6860 0.0775 0.8370 0.0500 -0.1130 0.2590 -0.4030 0.1170					0.5330									
			0.3860	0.2350	0.5370	0.2090	0.6880	0.0794	0.8390	0.0525	-0.1210	0.2460	-0.4000	0.1410

-0.4100	0.1280	-0.6390	0.0811	-0.8430	0.0310	0.0616	1014.17	0.1933	775.28	0.4347	7 999.30	0.5050	1071 44
-0.4130		-0.6420	0.0591	-0.8460									1071.44
							1008.32	0.1953		0.4370			1064.43
-0.4170		-0.6450	0.0666	-0.8490		0.0655	994.04	0.1972		0.4392	994.31	0.5903	1061.61
-0.4200		-0.6480	0.0489	-0.8520		0.0674	986.99	0.1992	760.65	0.4414	1000.74	0.5925	1070.04
-0.4240	0.1260	-0.6510	0.0525	-0.8550	0.0439	0.0694	976.64	0.2011	756.26	0.4436	1011.82	0.5947	1066.35
-0.4270	0.1000	-0.6540	0.0698	-0.8580	0.0463	0.0713	970.75	0.2030		0.4459			1053.81
-0.4310	0.1280	-0.6570	0.0792	-0.8610	0.0403	0.0732	959.13	0.2050		0.4481			1042.46
-0.4350	0.1130	-0.6600	0.0675	-0.8640	0.0425	0.0752	937.90	0.2069			1003.53		1041.37
-0.4380	0.1230	-0.6630	0.0659	-0.8670		0.0771	927.62	0.2088	735.18				
-0.4420	0.1280	-0.6660	0.0669	-0.8700	0.0565	0.0791	917.69			0.4525			1051.43
-0.4450	0.1170	-0.6690	0.0007					0.2108	725.25	0.4547			1040.03
				-0.8730	0.0571	0.0810	906.60	0.2127	718.15	0.4570			1031.47
-0.4490	0.1160	-0.6720	0.0880	-0.8760	0.0633	0.0829	887.51	0.2147	718.65		1000.29		1039.83
-0.4520	0.1050	-0.6750	0.0931	-0.8790	0.0518	0.0849	871.36	0.2166	712.28	0.4614		0.6125	1035.14
-0.4560	0.1200	-0.6780	0.0897	-0.8820	0.0508	0.0868	862.48	0.2185	705.48	0.4636	995.23	0.6147	1027.08
-0.4590	0.1030	-0.6810	0.0928	-0.8840	0.0553	0.0888	851.78	0.2205	699.51	0.4659	999.78	0.6170	1028.09
-0.4630	0.1240	-0.6840	0.1050	-0.8870	0.0501	0.0907	841.82	0.2224	702.63	0.4681	1005.00	0.6192	1034.00
-0.4660	0.1080	-0.6870	0.0918	-0.8900	0.0532	0.0926	829.03	0.2243	697.67	0.4703	1008.49		1027.36
-0.4700	0.1110	-0.6900	0.0920	-0.8930	0.0549	0.0946	818.07	0.2263	693.63		1010.14		1023.60
-0.4730	0.1110	-0.6930	0.0920	-0.8960	0.0553	0.0965	808.98	0.2282	688.26		1011.35		1015.38
-0.4770	0.1120	-0.6960	0.0872	-0.8990	0.0518	0.0984	804.48	0.2302	685.14		1006.91		1010.53
-0.4800	0.1180	-0.6990	0.1090	-0.9020	0.0421	0.1003	798.06	0.2302	681.84		1012.09		1026.53
-0.4840	0.1110	-0.7020	0.0909	-0.9050	0.0373	0.1023	786.06	0.2334	686.28		1010.19	0.6325	
-0.4870	0.1290	-0.7050	0.0694	-0.9080	0.0330	0.1042	775.61	0.2366	689.36				
-0.4910	0.1160	-0.7080	0.0074	-0.9110	0.0330						1008.96	0.6347	
-0.4940						0.1061	769.69	0.2398	691.55		1006.05		1003.56
	0.1220	-0.7110	0.0919	-0.9140	0.0297	0.1081	761.86	0.2430	696.31		1003.46		1014.13
-0.4980	0.1250	-0.7140	0.0864	-0.9170	0.0296	0.1100	746.16	0.2461	702.00		1005.91		1002.52
-0.5010	0.1070	-0.7170	0.0810	-0.9200	0.0343	0.1120	739.45	0.2493	707.43		1010.40	0.6436	996.16
-0.5050	0.1220	-0.7200	0.0814	-0.9230	0.0364	0.1139	738.63	0.2525	713.15		1013.66	0.6458	992.55
-0.5090	0.1190	-0.7230	0.0753	-0.9260	0.0442	0.1158	740.79	0.2557	718.69		1008.45	0.6481	992.64
-0.5120	0.1220	-0.7260	0.0774	-0.9290	0.0461	0.1178	731.90	0.2589	724.90	0.4992	1009.08	0.6503	990.06
-0.5160	0.1140	-0.7290	0.0742	-0.9320	0.0502	0.1197	723.62	0.2621	734.83	0.5014	1012.36	0.6525	982.78
-0.5190	0.1290	-0.7320	0.0662	-0.9350	0.0543	0.1216	718.86	0.2653	751.24	0.5036	1013.27	0.6547	983.83
-0.5230	0.1250	-0.7350	0.0529	-0.9380	0.0606	0.1236	715.41	0.2685	774.48	0.5059	1017.88	0.6570	980.22
-0.5260	0.1110	-0.7380	0.0471	-0.9410	0.0673	0.1255	714.72	0.2717	800.82		1012.37	0.6592	981.52
-0.5300	0.1310	-0.7410	0.0480	-0.9440	0.0726	0.1275	720.25	0.2749	797.27		1017.88	0.6614	975.87
-0.5330	0.1020	-0.7440	0.0485	-0.9470	0.0750	0.1294	724.75	0.2781	809.67		1020.43	0.6636	975.28
-0.5370	0.1170	-0.7470	0.0534	-0.9500	0.0750	0.1313	743.04	0.2813	836.07		1029.22	0.6658	966.58
-0.5400	0.0949	-0.7500	0.0601	-0.9530	0.0734	0.1333	779.12	0.2845	880.77		1028.91	0.6681	961.87
-0.5440	0.0955	-0.7530	0.0691	-0.9560	0.0695	0.1352	736.10	0.2877	900.49		1028.59	0.6703	971.36
-0.5470	0.1040	-0.7560	0.0517	-0.9590	0.0737	0.1371	723.03	0.2909	896.53		1030.41	0.6725	961.21
-0.5510	0.0936	-0.7590	0.0531	-0.9620	0.0802	0.1391	724.32	0.2941	897.23		1034.08	0.6747	959.35
-0.5540	0.1140	-0.7620	0.0630	-0.9650	0.0826	0.1410	738.35	0.2973	901.02		1039.31	0.6770	963.47
-0.5580	0.1030	-0.7650	0.0505	-0.9680	0.0894	0.1430	772.01	0.3005	917.27		1039.31		
-0.5610	0.1110	-0.7680	0.0483	-0.9710	0.0896	0.1449	803.82	0.3037				0.6792	958.05 965.74
-0.5650	0.1010	-0.7710	0.0339	-0.9740					931.56		1041.40	0.6814	
-0.5680	0.1040	-0.7740			0.0919 0.0959	0.1468	811.18	0.3069	974.07		1050.74	0.6836	959.48
			0.0300	-0.9770			838.69	0.3836	967.64		1051.36	0.6858	968.43
-0.5720	0.0990	-0.7770	0.0441	-0.9800	0.0945	0.1507		0.3859	968.82		1054.11	0.6881	952.24
-0.5750			0.0431	-0.9830	0.0960	0.1526	848.47	0.3881	966.92		1052.13	0.6903	955.99
-0.5790	0.0892	-0.7830	0.0242	-0.9860	0.0886	0.1546	862.32	0.3903	968.11		1055.70	0.6925	949.16
-0.5820	0.0834	-0.7860	0.0216	-0.9890	0.0917	0.1565	860.76	0.3925	972.91	0.5436	1058.29	0.6947	946.70
-0.5850	0.0871		0.0294	-0.9920	0.0930	0.1585	860.30	0.3947	972.43		1067.95	0.6970	940.51
-0.5880	0.0890	-0.7920	0.0200			0.1604	846.55	0.3970	982.64	0.5481	1073.85	0.6992	932.12
-0.5910	0.1010	-0.7950	0.0204			0.1623	852.34	0.3992	994.48		1070.13	0.7014	928.15
-0.5940	0.1120	-0.7980	0.0276	CASE Y	<u> Nu</u>	0.1643	848.46	0.4014	995.54		1076.95	0.7036	919.58
-0.5970	0.1040	-0.8010	0.0348			0.1662	848.93	0.4036	997.26		1084.49	0.7058	930.95
-0.6000	0.0942	-0.8040	0.0352	X/SL	Nu	0.1682	836.05	0.4059	992.78		1084.78	0.7081	937.11
-0.6030	0.0882		0.0450	0.0384		0.1701	826.98	0.4081	995.41		1080.11	0.7103	929.97
-0.6060	0.0712		0.0381	0.0403		0.1720	822.47		998.66		1077.63	0.7125	925.94
-0.6090 -			0.0334	0.0422		0.1740	820.85	0.4125			1089.58	0.7123	922.77
-0.6120	0.0694		0.0293	0.0442		0.1759	816.90	0.4123			1085.40	0.7170	926.77
-0.6150	0.0592		0.0273	0.0461		0.1739	815.70		999.54		1082.37	0.7170	925.48
-0.6180	0.0392		0.0329	0.0481		0.1778	808.74						
-0.6210	0.1070		0.0371						993.83		1081.18	0.7214	932.12
				0.0500		0.1817	801.04	0.4214	994.74		1098.88	0.7236	949.42
			0.0337	0.0519		0.1837	797.73	0.4236	998.42	0.5747		0.7258	934.21
	0.1060		0.0246	0.0539		0.1856	792.79	0.4259	998.04		1085.75	0.7281	924.82
	0.1160		0.0282	0.0558			783.27	0.4281	997.22		1083.20	0.7303	912.20
			0.0314	0.0577			782.78	0.4303	993.60		1073.79	0.7325	913.29
-0.6360	0.1080	-0.8400	0.0320	0.0597	1017.54	0.1914	782.39	0.4325	998.54	0.5836	1087.23	0.7347	916.76

0.7070	000 44	0.0001	027.00	-0.2372	516.73	-0.4657	543.01	-0.6692	569.45	-0.8726	571.48	0.0771	0.3370
0.7370	923.44	0.8881	937.89							-0.8756	575.50	0.0791	0.3240
0.7392	907.24	0.8903	942.78	-0.2408	504.83	-0.4687	532.66	-0.6721	569.79			- :	
0.7414	912.76	0.8925	937.71	-0.2443	535.96	-0.4717	530.93	-0.6751	570.41	-0.8786	576.14	0.0810	0.3120
0.7436	909.25	0.8947	938.08	-0.2478	524.92	-0.4747	541.79	-0.6781	573.96	-0.8816	584.41	0.0829	0.2910
	-		943.74	-0.2513	552.50	-0.4777	534.76	-0.6811	569.93	-0.8845	584.82	0.0849	0.2750
0.7458	915.04	0.8969								-0.8875	586.79	0.0868	0.2660
0.7481	911.81	0.8992	949.53	-0.2549	550.76	-0.4807	540.11	-0.6841	560.52			*	
0.7503	904.41	0.9014	965.51	-0.2584	565.49	-0.4837	534.34	-0.6871	565.93	-0.8905	590.71	0.0888	0.2520
0.7525	911.08	0.9036	972.74	-0.2619	581.98	-0.4867	524.83	-0.6901	552.61	-0.8935	600.76	0.0907	0.2420
						-0.4897	520.24	-0.6931	553.35	-0.8965	602.37	0.0926	0.2330
0.7547	918.47	0.9058	974.25	-0.2654	577.06								0.2270
0.7570	917.13	0.9081	965.64	-0.2690	604.89	-0.4927	510.65	-0.6961	558.38	-0.8995	608.13	0.0946	
0.7592	919.45	0.9103	967.22	-0.2725	596.15	-0.4956	504.26	-0.6991	567.16	-0.9025	610.54	0.0965	0.2220
0.7614	906.03	0.9125	983.76	-0.2760	624.90	-0.4986	502.17	-0.7021	555.11	-0.9055	619.09	0.0984	0.2180
						-0.5016	499.05	-0.7051	553.61	-0.9085	611.66	0.1000	0.2140
0.7636	890.92	0.9147	995.24	-0.2795	612.93						611.26	0.1020	0.2050
0.7658	887.39		1001.32	-0.2831	620.11	-0.5046	496.05	-0.7080	565.18	-0.9115			
0.7681	890.22	0.9192	999.67	-0.2866	611.18	-0.5076	511.48	-0.7110	574.88	-0.9145	623.36	0.1040	0.1980
0.7703	898.50	0.0214	1007.82	-0.2901	602.15	-0.5106	515.79	-0.7140	573.10	-0.9174	629.40	0.1060	0.1870
				-0.2936	609.85	-0.5136	531.90	-0.7170	565.73	-0.9204	632.13	0.1080	0.1880
0.7725	898.02		1027.55						566.65	-0.9234	631.67	0.1100	0.2200
0.7747	897.40		1040.26	- 0.2971	572.47	-0.5166	531.97	-0.7200				-	
0.7770	885.35	0.9281	1049.69	-0.3007	610.28	-0.5196	527.15	-0.7230	569.41	-0.9264	632.80	0.1120	0.2280
0.7792	890.47	0.9303	1057.64	-0.3042	607.44	-0.5226	529.26	-0.7260	577.40	-0.9294	640.47	0.1140	0.2090
	901.60		1069.80	-0.3077	611.40	-0.5256	528.27	-0.7290	580.59	-0.9324	646.57	0.1160	0.1830
0.7814							529.72	-0.7320	566.91	-0.9354	658.34	0.1180	0.1790
0.7836	902.03		1085.05	-0.3112	588.29	-0.5286							0.1930
0.7858	890.21	0.9369	1097.82	-0.3148	579.19	-0.5315	522.42	-0.7350	550.32	-0.9384	663.42	0.1200	
0.7881	894.13	0.9392	1111.14	-0.3183	595.99	-0.5345	526.47	-0.7380	545.89	-0.9414	668.57	0.1220	0.1910
0.7903	901.05		1118.67	-0.3218	568.60	-0.5375	526,46	-0.7409	551.54	-0.9444	677.92	0.1240	0.1920
				-0.3253	578.55	-0.5405	526.94	-0.7439	556.81	-0.9474	684.33	0.1260	0.1780
0.7925	895.96		1124.81							-0.9504	693.75	0.1280	0.1940
0.7947	898.33		1142.93	-0.3289	561.88	-0.5435	535.15	-0.7469	557.27				
0.7969	888.33	0.9481	1150.72	-0.3324	581.97	-0.5465	533.52	-0.7499	559.63	-0.9533	700.13	0.1290	0.2070
0.7992	902.04		1180.77	-0.3359	567.96	-0.5495	535.89	-0.7529	564.77	-0.9563	706.99	0.1310	0.2050
0.8014	878.91		1184.18	-0.3394	549.09	-0.5525	532.68	-0.7559	553.37	-0.9593	714.44	0.1330	0.2370
							532.95	-0.7589	545.71	-0.9623	726.91	0.1350	0.2050
0.8036	872.46		1201.87	-0.3430	576.63	-0.5555						0.1370	0.2480
0.8058	885.32	0.9569	1223.53	-0.3465	532.25	-0.5585	540.70	-0.7619	546.67	-0.9653	734.55		
0.8081	895.69	0.9592	1260.60	-0.3500	583.19	-0.5615	536.40	-0.7649	550.39	-0.9683	742.13	0.1390	0.2610
0.8103	890.63	0,,,,,		-0.3535	558.50	-0.5645	541.58	-0.7679	545.28	-0.9713	751.73	0.1410	0.2440
		V/MI	¥1		577.18	-0.5674	538.11	-0.7709	544.53	-0.9743	763.75	0.1430	0.2280
0.8125	864.58	X/PL	Nu	-0.3571						-0.9773	778.02	0.1450	0.2130
0.8147	876.01	-0.0103	1324.68	-0.3606	556.10	-0.5704	527.99	-0.7739	545.29				
0.8169	865.78	-0.0188	1235.82	-0.3641	575.30	-0.5734	533.95	-0.7768	547.21	-0.9803	792.91	0.1470	0.1890
0.8192	872.82		1183.59	-0.3676	573.39	-0.5764	530.51	-0.7798	544.93	-0.9833	806.42	0.1490	0.2220
				-0.3711	522.56	-0.5794	528.24	-0.7828	535.63	-0.9863	826.46	0.1510	0.2260
0.8214	878.42	-0.0359						-0.7858	534.55	-0.9892	843.63	0.1530	0.2160
0.8236	881.28	-0.0445	985.40	-0.3747	562.77	-0.5824	542.38						
0.8258	879.88	-0.0530	890.33	-0.3782	497.85	-0.5854	538.89	-0.7888	534.51	-0.9922	873.31	0.1550	0.2200
0.8281	880.48	-0.0616	830.06	-0.3817	540.02	-0.5884	536.19	-0.7918	535.15	-0.9892	584.83	0.1570	0.2280
0.8303	876.78	-0.0701	771.90	-0.3852	522.05	-0.5914	549.10	-0.7948	532.11	-0.9922	591.27	0.1590	0.2350
					529.26	-0.5944	536.98	-0.7978	530.20			0.1600	0.2350
0.8325	872.26	-0.0787	739.69	-0.3888								0.1620	0.2460
0.8347	858.50	-0.0872	694.57	-0.3923	529.93	-0.5974	543.23	-0.8008	533.97				
0.8369	849.28	-0.0959	693.57	-0.3969	510.44	-0.6003	533.51	-0.8038	534.70	CASE	<u>Y — п</u>	0.1640	0.2490
0.8392	849.47			0.0000	E00.04	0./000							
			വാവ	-0.3999	533.04	-0.6033	535.49	-0.8068	542.23			0.1660	0.2410
0.8414	NAL AG		661.62	-0.3999 -0.4029						X/SL	n		0.2410
0.0404	841.39	-0.1130	655.22	-0.4029	561.95	-0.6063	547.62	-0.8098	559.72	X/SL 0.0384	η 0.6270	0.1680	0.2430
0.8436	829.89	-0.1130 -0.1215	655.22 622.43	-0.4029 -0.4059	561.95 559.17	-0.6063 -0.6093	547.62 540.71	-0.8098 -0.8127	559.72 563.24	0.0384	0.6270	0.1680 0.1700	0.2430 0.2410
0.8436 0.8458	829.89 845.11	-0.1130	655.22	-0.4029 -0.4059 -0.4089	561.95 559.17 568.55	-0.6063 -0.6093 -0.6123	547.62 540.71 554.96	-0.8098 -0.8127 -0.8157	559.72 563.24 550.13	0.0384 0.0403	0.6270 0.6090	0.1680 0.1700 0.1720	0.2430 0.2410 0.2300
0.8458	829.89 845.11	-0.1130 -0.1215 -0.1301	655.22 622.43 628.51	-0.4029 -0.4059	561.95 559.17	-0.6063 -0.6093	547.62 540.71	-0.8098 -0.8127 -0.8157 -0.8187	559.72 563.24 550.13 556.01	0.0384	0.6270 0.6090 0.5710	0.1680 0.1700 0.1720 0.1740	0.2430 0.2410 0.2300 0.2370
0.8458 0.8481	829.89 845.11 859.48	-0.1130 -0.1215 -0.1301 -0.1386	655.22 622.43 628.51 599.39	-0.4029 -0.4059 -0.4089 -0.4119	561.95 559.17 568.55 567.60	-0.6063 -0.6093 -0.6123 -0.6153	547.62 540.71 554.96 548.87	-0.8098 -0.8127 -0.8157 -0.8187	559.72 563.24 550.13 556.01	0.0384 0.0403 0.0422	0.6270 0.6090 0.5710	0.1680 0.1700 0.1720	0.2430 0.2410 0.2300 0.2370 0.2380
0.8458 0.8481 0.8503	829.89 845.11 859.48 862.42	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472	655.22 622.43 628.51 599.39 601.35	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149	561.95 559.17 568.55 567.60 584.83	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183	547.62 540.71 554.96 548.87 557.61	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217	559.72 563.24 550.13 556.01 552.20	0.0384 0.0403 0.0422 0.0442	0.6270 0.6090 0.5710 0.5260	0.1680 0.1700 0.1720 0.1740 0.1760	0.2430 0.2410 0.2300 0.2370 0.2380
0.8458 0.8481 0.8503 0.8525	829.89 845.11 859.48 862.42 855.10	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557	655.22 622.43 628.51 599.39 601.35 582.73	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4179	561.95 559.17 568.55 567.60 584.83 581.55	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213	547.62 540.71 554.96 548.87 557.61 563.16	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247	559.72 563.24 550.13 556.01 552.20 556.92	0.0384 0.0403 0.0422 0.0442 0.0461	0.6270 0.6090 0.5710 0.5260 0.4990	0.1680 0.1700 0.1720 0.1740 0.1760 0.1780	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490
0.8458 0.8481 0.8503	829.89 845.11 859.48 862.42 855.10 861.26	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472	655.22 622.43 628.51 599.39 601.35 582.73 563.91	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4179 -0.4209	561.95 559.17 568.55 567.60 584.83 581.55 583.04	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243	547.62 540.71 554.96 548.87 557.61 563.16 546.92	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277	559.72 563.24 550.13 556.01 552.20 556.92 551.81	0.0384 0.0403 0.0422 0.0442 0.0461 0.0481	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780	0.1680 0.1700 0.1720 0.1740 0.1760 0.1780 0.1800	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500
0.8458 0.8481 0.8503 0.8525	829.89 845.11 859.48 862.42 855.10	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557	655.22 622.43 628.51 599.39 601.35 582.73 563.91	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4179	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6273	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8307	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46	0.0384 0.0403 0.0422 0.0442 0.0461 0.0481 0.0500	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4600	0.1680 0.1700 0.1720 0.1740 0.1760 0.1780 0.1800 0.1820	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569	829.89 845.11 859.48 862.42 855.10 861.26 877.05	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4179 -0.4209 -0.4238	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243	547.62 540.71 554.96 548.87 557.61 563.16 546.92	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277	559.72 563.24 550.13 556.01 552.20 556.92 551.81	0.0384 0.0403 0.0422 0.0442 0.0461 0.0481	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4600 0.4540	0.1680 0.1700 0.1720 0.1740 0.1760 0.1780 0.1800 0.1820 0.1840	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2370
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4179 -0.4209 -0.4238 -0.4268	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12	-0.6063 -0.6093 -0.6123 -0.6153 -0.6213 -0.6213 -0.6243 -0.6273 -0.6303	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00	0.0384 0.0403 0.0422 0.0442 0.0461 0.0481 0.0500 0.0519	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4600 0.4540	0.1680 0.1700 0.1720 0.1740 0.1760 0.1780 0.1800 0.1820	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4179 -0.4209 -0.4238 -0.4268 -0.4298	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303 -0.6333	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8307 -0.8337 -0.8367	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39	0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4600 0.4540 0.4510	0.1680 0.1700 0.1720 0.1740 0.1760 0.1780 0.1800 0.1820 0.1840 0.1860	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2370 0.2400
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4179 -0.4209 -0.4238 -0.4268 -0.4298 -0.4328	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303 -0.6333 -0.6362	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8277 -0.8307 -0.8337 -0.8367 -0.8397	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60	0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4600 0.4540 0.4510 0.4430	0.1680 0.1700 0.1720 0.1740 0.1760 0.1800 0.1820 0.1840 0.1860 0.1880	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2370 0.2400 0.2420
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07	-0.4029 -0.4059 -0.4089 -0.4119 -0.4179 -0.4209 -0.4238 -0.4238 -0.4288 -0.4328 -0.4358	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6243 -0.6273 -0.6303 -0.6333 -0.6362 -0.6392	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 550.82	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32	0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4600 0.4540 0.4510 0.4430 0.4370	0.1680 0.1700 0.1720 0.1740 0.1760 0.1800 0.1820 0.1840 0.1860 0.1880 0.1900	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2370 0.2400 0.2420 0.2360
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4179 -0.4209 -0.4238 -0.4268 -0.4298 -0.4328	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6273 -0.6303 -0.6333 -0.6362	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8307 -0.8367 -0.8397 -0.8427 -0.8457	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85	0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4600 0.4540 0.4510 0.4430 0.4370 0.4320	0.1680 0.1700 0.1720 0.1740 0.1760 0.1800 0.1820 0.1840 0.1860 0.1880 0.1900 0.1910	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2540 0.2540 0.2470 0.2420 0.2360 0.2410
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83 906.74	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1788 -0.1814 -0.1899 -0.1985 -0.2020 -0.2055	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69 548.73	-0.4029 -0.4059 -0.4089 -0.4119 -0.4179 -0.4208 -0.4238 -0.4268 -0.4298 -0.4328 -0.4358 -0.4388	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31 578.81	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6392 -0.6422	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 550.82	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8307 -0.8367 -0.8397 -0.8427 -0.8457	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85	0.0384 0.0403 0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4600 0.4540 0.4510 0.4430 0.4370	0.1680 0.1700 0.1720 0.1740 0.1760 0.1800 0.1820 0.1840 0.1860 0.1880 0.1900	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2420 0.2420 0.2360 0.2410 0.2360
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658 0.8681 0.8703	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83 906.74 903.60	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020 -0.2055 -0.2091	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69 548.73 541.68	-0.4029 -0.4059 -0.4089 -0.4119 -0.4179 -0.4209 -0.4238 -0.4268 -0.4298 -0.4358 -0.4358 -0.4358 -0.4368	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31 578.81 571.64	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6392 -0.6422 -0.6452	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 550.82 557.88 565.46	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457 -0.8486	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85 559.21	0.0384 0.0403 0.0422 0.0442 0.0461 0.0509 0.0519 0.0539 0.0558 0.0577 0.0597	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4540 0.4540 0.44310 0.4430 0.4370 0.4320 0.4260	0.1680 0.1700 0.1720 0.1740 0.1760 0.1800 0.1820 0.1840 0.1860 0.1880 0.1900 0.1910	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2540 0.2540 0.2470 0.2420 0.2360 0.2410
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658 0.8681 0.8703 0.8725	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83 906.74 903.60 906.94	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020 -0.2055 -0.2091 -0.2126	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69 548.73 541.68 517.84	-0.4029 -0.4059 -0.4089 -0.4119 -0.4179 -0.4209 -0.4238 -0.4268 -0.4298 -0.4358 -0.4358 -0.4388 -0.4418 -0.4448	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31 578.81 571.64 560.68	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6333 -0.6362 -0.6392 -0.6422 -0.6452 -0.6482	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 555.82 557.88 565.46 551.47	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8397 -0.8427 -0.8457 -0.8486 -0.8516	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85 559.21 566.66	0.0384 0.0403 0.0422 0.0441 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597 0.0597	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4540 0.4510 0.44310 0.4370 0.4320 0.4260 0.4190	0.1680 0.1700 0.1720 0.1740 0.1760 0.1880 0.1800 0.1840 0.1860 0.1880 0.1900 0.1910 0.1930 0.1950	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2420 0.2420 0.2420 0.2360 0.2410 0.2360 0.2360
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658 0.8681 0.8703 0.8725 0.8747	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83 906.74 903.60 906.94 912.70	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020 -0.2055 -0.2091 -0.2126 -0.2161	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69 548.73 541.68 517.84 494.12	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4299 -0.4238 -0.4298 -0.4298 -0.4358 -0.4358 -0.4388 -0.4418 -0.4448 -0.4478	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31 578.81 571.64 560.68 562.04	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6362 -0.6452 -0.6452 -0.6482 -0.6512	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 555.92 557.88 565.46 561.47 556.44	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8457 -0.8457 -0.8486 -0.8516 -0.8546	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85 559.21 566.66 571.48	0.0384 0.0403 0.0422 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636 0.0655	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4540 0.4510 0.4430 0.4370 0.4320 0.4260 0.4190 0.4060	0.1680 0.1700 0.1720 0.1740 0.1760 0.1880 0.1820 0.1840 0.1860 0.1860 0.1900 0.1910 0.1930 0.1950 0.1970	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2400 0.2420 0.2420 0.2360 0.2410 0.2360 0.2360 0.2360 0.2290
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658 0.8681 0.8703 0.8725	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83 906.74 903.60 906.94	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1889 -0.1985 -0.2020 -0.2055 -0.2091 -0.2126	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69 548.73 541.68 517.84 494.12	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4298 -0.4298 -0.4298 -0.4358 -0.4358 -0.4388 -0.4418 -0.4448 -0.4478 -0.4508	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31 578.81 571.64 560.68 562.04 553.73	-0.6063 -0.6093 -0.6123 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6362 -0.6452 -0.6452 -0.6452 -0.6512 -0.6512	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 557.88 565.46 551.47 556.44 549.88	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8457 -0.8457 -0.8486 -0.8516 -0.8546 -0.8576	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85 559.21 566.66 571.48 568.42	0.0384 0.0403 0.0422 0.0461 0.0481 0.0500 0.0519 0.0539 0.0557 0.0597 0.0616 0.0636 0.0655 0.0674	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4540 0.4510 0.44370 0.4320 0.4320 0.4260 0.4190 0.4060 0.3980	0.1680 0.1700 0.1720 0.1740 0.1760 0.1880 0.1820 0.1840 0.1860 0.1980 0.1910 0.1930 0.1950 0.1970 0.1990	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2400 0.2420 0.2360 0.2410 0.2360 0.2360 0.2290 0.2240
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658 0.8703 0.8725 0.8747 0.8769	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83 906.74 903.60 906.94 912.70 913.91	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020 -0.2055 -0.2091 -0.2126 -0.2161 -0.2196	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69 548.73 541.68 517.84 494.12 513.73	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4298 -0.4298 -0.4298 -0.4358 -0.4358 -0.4388 -0.4418 -0.4448 -0.4478 -0.4508	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31 578.81 571.64 560.68 562.04	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6303 -0.6362 -0.6362 -0.6452 -0.6452 -0.6482 -0.6512	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 550.82 557.88 565.46 551.47 556.44 549.88 550.76	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8427 -0.8457 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85 559.21 566.66 571.48	0.0384 0.0403 0.0422 0.0461 0.0481 0.0500 0.0519 0.0539 0.0557 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694	0.6270 0.6090 0.5710 0.5260 0.4780 0.4780 0.4540 0.4510 0.4370 0.4370 0.4320 0.4260 0.4190 0.4060 0.3980 0.3870	0.1680 0.1700 0.1720 0.1740 0.1760 0.1780 0.1800 0.1820 0.1840 0.1860 0.1900 0.1910 0.1930 0.1950 0.1970 0.1970	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2420 0.2420 0.2360 0.2410 0.2360 0.2290 0.2240 0.2250
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658 0.8703 0.8725 0.8747 0.8769	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83 906.74 903.60 906.94 912.70 913.91 914.26	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020 -0.2055 -0.2091 -0.2126 -0.2161 -0.2196 -0.2232	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69 548.73 541.68 517.84 494.12 513.73 485.03	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4209 -0.4238 -0.4268 -0.4298 -0.4358 -0.4358 -0.4388 -0.4418 -0.4448 -0.4478 -0.4508 -0.4538	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31 571.64 560.68 562.04 553.73 546.83	-0.6063 -0.6093 -0.6123 -0.6183 -0.6213 -0.6243 -0.6303 -0.6363 -0.6362 -0.6422 -0.6452 -0.6452 -0.6452 -0.6512 -0.6512 -0.6572	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 550.82 557.88 565.46 551.47 556.44 549.88 550.76	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8427 -0.8457 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85 559.21 566.66 571.48 568.42 590.29	0.0384 0.0403 0.0422 0.0461 0.0481 0.0500 0.0519 0.0539 0.0557 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4540 0.4510 0.44370 0.4320 0.4320 0.4260 0.4190 0.4060 0.3980	0.1680 0.1700 0.1720 0.1740 0.1760 0.1880 0.1820 0.1840 0.1860 0.1980 0.1910 0.1930 0.1950 0.1970 0.1990	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2400 0.2420 0.2360 0.2410 0.2360 0.2360 0.2290 0.2240
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658 0.8703 0.8725 0.8747 0.8769 0.8792	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83 906.74 903.60 906.94 912.70 913.91 914.26 909.73	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020 -0.2055 -0.2091 -0.2126 -0.2161 -0.2196 -0.2232 -0.2267	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69 548.73 541.68 41.68 494.12 513.73 485.03 507.30	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4209 -0.4238 -0.4268 -0.4328 -0.4358 -0.4358 -0.4388 -0.4418 -0.4448 -0.4478 -0.4508 -0.4538 -0.4538 -0.4568	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31 571.64 560.68 562.04 553.73 546.83 548.48	-0.6063 -0.6093 -0.6123 -0.6153 -0.6183 -0.6213 -0.6243 -0.6303 -0.6333 -0.6362 -0.6452 -0.6452 -0.6452 -0.6512 -0.6512 -0.6572 -0.6602	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 557.88 565.46 551.47 556.44 549.88 550.76 564.81	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8427 -0.8457 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606 -0.8636	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85 559.21 566.66 571.48 568.42 590.29 587.03	0.0384 0.0403 0.0422 0.0441 0.0481 0.0500 0.0519 0.0539 0.0558 0.0577 0.0616 0.0636 0.0655 0.0674 0.0694 0.0713	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4540 0.4540 0.4370 0.4370 0.4320 0.4260 0.4190 0.4060 0.3980 0.3870 0.3790	0.1680 0.1700 0.1720 0.1740 0.1760 0.1780 0.1800 0.1820 0.1840 0.1860 0.1900 0.1910 0.1930 0.1950 0.1970 0.1990 0.2010	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2420 0.2420 0.2360 0.2410 0.2360 0.2290 0.2240 0.2250 0.2250
0.8458 0.8481 0.8503 0.8525 0.8547 0.8569 0.8592 0.8614 0.8636 0.8658 0.8703 0.8725 0.8747 0.8769	829.89 845.11 859.48 862.42 855.10 861.26 877.05 873.09 885.03 887.00 902.83 906.74 903.60 906.94 912.70 913.91 914.26	-0.1130 -0.1215 -0.1301 -0.1386 -0.1472 -0.1557 -0.1643 -0.1728 -0.1814 -0.1899 -0.1985 -0.2020 -0.2055 -0.2091 -0.2126 -0.2161 -0.2196 -0.2232	655.22 622.43 628.51 599.39 601.35 582.73 563.91 582.52 564.27 570.07 558.56 563.69 548.73 541.68 517.84 494.12 513.73 485.03 507.30 489.09	-0.4029 -0.4059 -0.4089 -0.4119 -0.4149 -0.4209 -0.4238 -0.4268 -0.4298 -0.4358 -0.4358 -0.4388 -0.4418 -0.4448 -0.4478 -0.4508 -0.4538	561.95 559.17 568.55 567.60 584.83 581.55 583.04 562.44 560.12 574.70 566.43 573.31 571.64 560.68 562.04 553.73 546.83 548.48 554.60	-0.6063 -0.6093 -0.6123 -0.6183 -0.6213 -0.6243 -0.6303 -0.6363 -0.6362 -0.6422 -0.6452 -0.6452 -0.6452 -0.6512 -0.6512 -0.6572	547.62 540.71 554.96 548.87 557.61 563.16 546.92 543.91 547.79 554.52 555.92 557.88 565.46 551.47 556.44 549.88 550.76 564.81 564.74	-0.8098 -0.8127 -0.8157 -0.8187 -0.8217 -0.8247 -0.8307 -0.8337 -0.8367 -0.8427 -0.8457 -0.8456 -0.8516 -0.8546 -0.8576 -0.8606	559.72 563.24 550.13 556.01 552.20 556.92 551.81 563.46 550.00 547.39 547.60 561.32 557.85 559.21 566.66 571.48 568.42 590.29 587.03	0.0384 0.0403 0.0422 0.0461 0.0481 0.0500 0.0519 0.0539 0.0557 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694	0.6270 0.6090 0.5710 0.5260 0.4990 0.4780 0.4540 0.4540 0.4370 0.4370 0.4260 0.4190 0.4060 0.3980 0.3870 0.3790 0.3680	0.1680 0.1700 0.1720 0.1740 0.1760 0.1780 0.1800 0.1820 0.1840 0.1860 0.1900 0.1910 0.1930 0.1950 0.1970 0.1970	0.2430 0.2410 0.2300 0.2370 0.2380 0.2490 0.2500 0.2540 0.2420 0.2420 0.2360 0.2410 0.2360 0.2290 0.2240 0.2250

0.2090	00110	0.4520	0.0100	0.4040	0.1400	0.7550	0.0070	0.0040	0.0005	0.0700	0.0170		
		0.4530		0.6040		0.7550	0.0869		0.0335	-0.2720	0.3170	-0.4960	0.0834
0.2110		0.4550	0.2190	0.6060	0.1520	0.7570	0.0900	0.9080	0.0294	-0.2760	0.3210	-0.4990	0.0826
0.2130	0.2090	0.4570	0.2130	0.6080	0.1490	0.7590	0.0901	0.9100	0.0245	-0.2790	0.3290	-0.5020	0.0739
0.2150	0.2120	0.4590	0.2170	0.6100	0.1550	0.7610	0.0878	0.9130	0.0284	-0.2830	0.3390	-0.5050	0.0707
0.2170		0.4610	0.2140	0.6130	0.1530	0.7640	0.0858	0.9150	0.0303	-0.2870			
0.2190											0.3110	-0.5080	0.0831
		0.4640	0.2110	0.6150	0.1480	0.7660	0.0785	0.9170	0.0308	-0.2900	0.2630	-0.5110	0.0881
0.2210		0.4660	0.2060	0.6170	0.1520	0.7680	0.0772	0.9190	0.0265	-0.2940	0.2520	-0.5140	0.1010
0.2220	0.2120	0.4680	0.2080	0.6190	0.1560	0.7700	0.0861	0.9210	0.0230	-0.2970	0.2190	-0.5170	0.1040
0.2240	0.2020	0.4700	0.2070	0.6210	0.1490	0.7730	0.0800	0.9240	0.0251	-0.3010	0.2410	-0.5200	0.0969
0.2260	0.2080	0.4730	0.2070	0.6240	0.1520	0.7750	0.0944	0.9260	0.0259	-0.3040	0.2520		
0.2280	0.1980											-0.5230	0.0985
		0.4750	0.2050	0.6260	0.1520	0.7770	0.0859	0.9280	0.0267	-0.3080	0.2610	-0.5260	0.0975
0.2300	0.2040	0.4770	0.1970	0.6280	0.1410	0.7790	0.0823	0.9300	0.0238	-0.3110	0.2470	-0.5290	0.0991
0.2300	0.1980	0.4790	0.2030	0.6300	0.1540	0.7810	0.0794	0.9330	0.0267	-0.3150	0.2180	-0.5310	0.0945
0.2330	0.2020	0.4810	0.2050	0.6330	0.1450	0.7840	0.0832	0.9350	0.0252	-0.3180	0.2350	-0.5340	0.0967
0.2370	0.2090	0.4840	0.2050	0.6350	0.1480	0.7860	0.0768	0.9370	0.0172	-0.3220	0.2260	-0.5370	0.0976
0.2400	0.2230	0.4860	0.2030	0.6370	0.1380	0.7880				0.3220			
							0.0735	0.9390	0.0217	-0.3250	0.2340	-0.5400	0.0953
0.2430	0.2350	0.4880	0.2030	0.6390	0.1450	0.7900	0.0682	0.9410	0.0198	-0.3290	0.1930	-0.5430	0.0984
0.2460	0.2310	0.4900	0.2020	0.6410	0.1420	0.7930	0.0720	0.9440	0.0200	-0.3320	0.2210	-0.5460	0.0966
0.2490	0.2470	0.4930	0.2000	0.6440	0.1450	0.7950	0.0785	0.9460	0.0253	-0.3360	0.2030	-0.5490	0.0974
0.2530	0.2440	0.4950	Ō. 198Ŏ	0.6460	0.1360	0.7970	0.0780	0.9480	0.0250	-0.3390	0.1950	-0.5520	0.0937
0.2560	0.2570	0.4970	0.1950	0.6480	0.1410	0.7990	0.0795	0.9500	0.0224	-0.3430			
											0.2460	-0.5550	0.0928
0.2590	0.2770	0.4990	0.1920	0.6500	0.1340	0.8010	0.0775	0.9530	0.0190	-0.3460	0.1900	-0.5580	0.0969
0.2620	0.2880	0.5010	0.1950	0.6530	0.1320	0.8040	0.0789	0.9550	0.0251	-0.3500	0.2910	-0.5610	0.0928
0.2650	0.2990	0.5040	0.1920	0.6550	0.1360	0.8060	0.0830	0.9570	0.0214	-0.3530	0.2050	-0.5640	0.1010
0.2690	0.2960	0.5060	0.1970	0.6570	0.1260	0.8080	0.0843	0.9590	0.0285	-0.3570	0.2560	-0.5670	0.0968
0.2720	0.3150	0.5080	0.1880	0.6590	0.1180	0.8100	0.0833	0.7070	0.0200	-0.3610	0.2300	-0.5700	0.0896
0.2750	0.3620	0.5100	0.1900	0.6610	0.1170	0.8130		V /61	_				
							0.0732	X/PL	η	-0.3640	0.2520	-0.5730	0.0927
0.2780	0.4100	0.5130	0.1910	0.6640	0.1240	0.8150	0.0849	-0.0274	0.3630	-0.3680	0.2540	-0.5760	0.0945
0.2810	0.4120	0.5150	0.1900	0.6660	0.1200	0.8170	0.0803	-0.0359	0.3620	-0.3710	0.1910	-0.5790	0.0928
0.2850	0.3740	0.5170	Õ.1850	0.6680	0.1220	0.8190	0.0771	-0.0445	0.3660	-0.3750	0.2510	-0.5820	0.1010
0.2880	0.3480	0.5190	0.1880	0.6700	0.1260	0.8210	0.0969	-0.0530	0.3850	-0.3780	0.1530	-0.5850	0.0996
0.2910	0.3160	0.5210	0.1830	0.6730	0.1180	0.8240	0.1000	-0.0616	0.3800	-0.3820	0.2070	-0.5880	0.0939
0.2940	0.3270	0.5240	0.1870	0.6750	0.1110	0.8260							
							0.1000	-0.0701	0.3530	-0.3850	0.1640	-0.5910	0.1010
0.2970	0.3330	0.5260	0.1820	0.6770	0.1160	0.8280	0.0941	-0.0787	0.3650	-0.3890	0.1780	-0.5940	0.0885
0.3010	0.3200	0.5280	0.1850	0.6790	0.1090	0.8300	0.0954	-0.0872	0.3250	-0.3920	0.1870	-0.5970	0.0911
0.3040	0.2990	0.5300	0.1820	0.6810	0.1180	0.8330	0.1010	-0.0958	0.3180	-0.3970	0.2040	-0.6000	0.0821
0.3070	0.2760	0.5330	0.1830	0.6840	0.1130	0.8350	0.0930	-0.1040	0.2950	-0.4000	0.2190	-0.6030	0.0849
0.3840	0.2400	0.5350	0.1750	0.6860	0.1140	0.8370	0.0869			-0.4030	0.2240	-0.6060	0.0891
0.3860								-0.1130	0.2930				
	0.2410	0.5370	0.1740	0.6880	0.1090	0.8390	0.0772	-0.1210	0.2750	-0.4060	0.2010	-0.6090	0.0839
0.3880	0.2370	0.5390	0.1760	0.6900	0.1110	0.8410	0.0716	-0.1300	0.2740	-0.4090	0.1580	-0.6120	0.0975
0.3900	0.2400	0.5410	0.1780	0.6930	0.1200	0.8440	0.0577	-0.1390	0.2610	-0.4120	0.1230	-0.6150	0.0936
0.3930	0.2410	0.5440	0.1660	0.6950	0.1200	0.8460	0.0576	-0.1470	0.2740	-0.4150	0.1150	-0.6180	0.0997
0.3950	0.2380	0.5460	0.1620	0.6970	0.1110	0.8480	0.0588	-0.1560	0.2650	-0.4180	0.1180	-0.6210	0.0993
0.3970	0.2380	0.5480	0.1670	0.6990	0.1070	0.8500	0.0632	-0.1640	0.2600	-0.4210	0.1320	-0.6240	0.0884
0.3990	0.2370	0.5500	0.1700	0.7010	0.1040	0.8530	0.0583						
	0.2370					0.8550	0.0000	-0.1730	0.2710	-0.4240	0.1160	-0.6270	0.0862
0.4010	0.2280	0.5530	0.1630	0.7040	0.0941		0.0581	-0.1810	0.2810	-0.4270	0.1180	-0.6300	0.0903
0.4040	0.2360	0.5550	0.1630	0.7060	0.1030	0.8570	0.0526	-0.1900	0.2750	-0.4300	0.1330	-0.6330	0.0939
0.4060	0.2370	0.5570	0.1610	0.7080	0.1030	0.8590	0.0479	-0.1980	0.2850	-0.4330	0.1320	-0.6360	0.0906
0.4080	0.2310	0.5590	0.1680	0.7100	0.0990	0.8610	0.0557	-0.2020	0.2990	-0.4360	0.1380	-0.6390	0.0843
0.4100	0.2260	0.5610	0.1660	0.7130	0.0979	0.8640	0.0543	-0.2050	0.2930	-0.4390	0.1580	-0.6420	0.0857
0.4130	0.2250	0.5640	0.1590	0.7150	0.0978	0.8660	0.0577			-0.4420	0.1460	-0.6450	0.0910
								-0.2090	0.3060				
0.4150	0.2300	0.5660	0.1590	0.7170	0.1020	0.8680	0.0510	-0.2130	0.2780	-0.4450	0.1410	-0.6480	0.0838
0.4170	0.2270	0.5680	0.1600	0.7190	0.1050	0.8700	0.0444	-0.2160	0.2230	-0.4480	0.1430	-0.6510	0.0833
0.4190	0.2240	0.5700	0.1580	0.7210	0.0960	0.8730	0.0410	-0.2200	0.2350	-0.4510	0.1340	-0.6540	0.0785
0.4210	0.2300	0.5730	0.1580	0.7240	0.1000	0.8750	0.0467	-0.2230	0.2240	-0.4540	0.1270	-0.6570	0.0777
0.4240	0.2290	0.5750	0.1620	0.7260	0.0949	0.8770	0.0423	-0.2270	0.2180	-0.4570	0.1320	-0.6600	0.0893
0.4260	0.2300	0.5770	0.1590	0.7280	0.0895	0.8790	0.0418	-0.2300		-0.4600	0.1230	-0.6630	0.0875
									0.2210				
0.4280	0.2300	0.5790	0.1550	0.7300	0.0947	0.8810	0.0362	-0.2340	0.2280	-0.4630	0.1170	-0.6660	0.0938
0.4300	0.2220	0.5810	0.1470	0.7330	0.0911	0.8840	0.0361	-0.2370	0.2460	-0.4660	0.1080	-0.6690	0.0917
0.4330	0.2240	0.5840	0.1590	0.7350	0.0850	0.8860	0.0389	-0.2410	0.2550	-0.4690	0.1050	-0.6720	0.0929
0.4350	0.2270	0.5860	0.1520	0.7370	0.0997	0.8880	0.0339	-0.2440	0.2930	-0.4720	0.0962	-0.6750	0.0950
0.4370	0.2310	0.5880	0.1490	0.7390	0.0913	0.8900	0.0395	-0.2480	0.2860	-0.4750	0.1110	-0.6780	0.0954
0.4390	0.2180	0.5900	0.1500	0.7410	0.0952	0.8930	0.0341	-0.2510	0.3030	-0.4780	0.0989	-0.6810	0.0889
0.4410	0.2190		0.1530	0.7440	0.0942	0.8950	0.0369	-0.2550	0.3000	-0.4810	0.1150	-0.6840	0.0802
0.4440	0.2240	0.5950	0.1580	0.7460	0.0958	0.8970	0.0344	-0.2580	0.3120	-0.4840	0.1100	-0.6870	0.0826
0.4460	0.2180	0.5970	0.1510	0.7480	0.0913	0.8990	0.0309	-0.2620	0.3050	-0.4870	0.1040	-0.6900	0.0765
0.4480	0.2170	0.5990	0.1450	0.7500	0.0911	0.9010	0.0363	-0.2650	0.3120	-0.4900	0.1020	-0.6930	0.0798
0.4500	0.2200	0.6010	0.1450	0.7530	0.0900	0.9040	0.0339	-0.2690	0.3120	-0.4930	0.0885	-0.6960	0.0816
								0.2070					

-0.6990											
	0.0834	-0.9020	0.0528	0.1004	757.96	0.2302 730.03	0.4792 1016.7	0.6303 10		0.7814	925.82
-0.7020	0.0769	-0.9050	0.0525	0.1023	753.91	0.2334 734.8	0.4815 1012.13	2 0.6326 10	38.08	0.7837	919.84
-0.7050	0.0727	-0.9080	0.0515	0.1043	750.67	0.2366 736.8	0.4837 1010.8	7 0.6348 10	26.05	0.7859	921.01
-0.7080	0.0833	-0.9110	0.0526	0.1062	740.70	0.2398 732.50		7 0.6370 10	27.63	0.7881	919.23
-0.7110	0.0860	-0.9140	0.0544	0.1081	742.80	0.2430 731.5			86.49	0.7903	929.58
		-0.9170	0.0559	0.1101	709.86	0.2462 734.5		_		0.7926	928.73
-0.7140	0.0825			0.1120	688.26	0.2494 744.0				0.7948	924.61
-0.7170	0.0793	-0.9200	0.0535							0.7970	930.06
-0.7200	0.0764	-0.9230	0.0480	0.1139	699.54	0.2526 759.30	0.4940 1012.9			0.7992	923.74
-0.7230	0.0801	-0.9260	0.0451	0.1159	720.79	0.2558 748.4					905.96
-0.7260	0.0783	-0.9290	0.0462	0.1178	721.23	0.2590 752.9				0.8014	
-0.7290	0.0790	-0.9320	0.0460	0.1198	707.12	0.2622 765.1		7 0.6526 10		0.8037	906.32
-0.7320	0.0680	-0.9350	0.0531	0.1217	694.90	0.2654 784.2				0.8059	913.49
-0.7350	0.0572	-0.9380	0.0529	0.1236	698.23	0.2686 811.9				0.8081	936.56
-0.7380	0.0536	-0.9410	0.0519	0.1256	707.79	0.2718 852.93	0.5081 1008.6			0.8103	933.26
-0.7410	0.0552	-0.9440	0.0550	0.1275	714.03	0.2750 862.2	0.5103 1014.8	1 0.6615 10	11.95	0.8126	900.85
-0.7440	0.0584	-0.9470	0.0542	0.1294	715.37	0.2782 827.9		3 0.6637 10	05.06	0.8148	897.46
-0.7470	0.0588	-0.9500	0.0570	0.1314	752.29	0.2814 865.79			12.70	0.8170	905.36
	0.0593	-0.9530	0.0561	0.1333	843.61	0.2846 980.7			99.56	0.8192	914.97
-0.7500			0.0579	0.1353	875.80	0.2878 961.9				0.8214	915.31
-0.7530	0.0549	-0.9560		0.1372	778.78	0.2910 967.0		3 0.6726 9		0.8237	920.13
-0.7560	0.0482	-0.9590	0.0610							0.8259	924.05
-0.7590	0.0434	-0.9620	0.0633	0.1391	758.63					0.8281	927.82
-0.7620	0.0451	-0.9650	0.0604	0.1411	816.96	0.2974 983.4				0.8303	935.19
-0.7650	0.0505	-0.9680	0.0565	0.1430	894.53	0.3006 950.0				0.8326	920.49
-0.7680	0.0442	-0.9710	0.0553	0.1449	958.35	0.3038 960.0			88.52		
-0.7710	0.0423	-0.9740	0.0539	0.1469	951.05	0.3069 1000.0			88.57	0.8348	914.46
-0.7740	0.0440	-0.9770	0.0580	0.1488	941.94	0.3837 990.3			05.34	0.8370	911.66
-0.7770	0.0435	-0.9800	0.0604	0.1508	920.67	0.3859 991.0			88.91	0.8392	916.59
-0.7800	0.0423	-0.9830	0.0568	0.1527	917.90	0.3881 991.8	7 0.5392 1041.6		80.47	0.8414	904.98
-0.7830	0.0333	-0.9860	0.0579	0.1546	897.62	0.3904 994.3	3 0.5415 1046.0		67.55	0.8437	898.79
-0.7860	0.0309	-0.9890	0.0593	0.1566	884.32	0.3926 998.0	0.5437 1046.9	8 0.6948 9	68.20	0.8459	906.70
-0.7890	0.0319	-0.9920	0.0707	0.1585	879.35	0.3948 1002.5	0.5459 1065.8	6 0.6970 9	70.41	0.8481	924.17
-0.7920	0.0287	0.7720	0.0707	0.1605	865.30	0.3970 1017.8			72.06	0.8503	925.72
-0.7920	0.0251			0.1624	873.69	0.3992 1024.1	· · · · · · · · · · · ·		56.32	0.8526	899.09
-		CASE 2	' Nu	0.1643	876.69	0.4015 1041.4			53.62	0.8548	904.07
-0.7980	0.0227	CASE Z	<u> </u>	0.1663	889.47	0.4037 1038.7			65.49	0.8570	922.01
-0.8010	0.0274	V/61	N.	0.1682	854.14	0.4059 1015.7			71.70	0.8592	904.49
-0.8040	0.0262	X/SL	Nu			0.4081 1021.0			68.41	0.8614	896.77
-0.8070	0.0317	0.0384	948.44 956.67	0.1701 0.1721	850.20 834.07	0.4104 1025.5			48.26		
-0.8100	0.0416	0.0403	950 O/	111//1	0.341.07					11703/	000.14
-0.8130										0.8637	888.14 803.37
	0.0458	0.0422	1029.28	0.1740	844.64	0.4126 1030.8	5 0.5637 1074.5	6 0.7148 9	63.63	0.8659	893.37
-0.8160	0.0358	0.0422 0.0442	1029.28 1073.42	0.1740 0.1760	844.64 839.17	0.4126 1030.8 0.4148 1032.0	0.5637 1074.5 0.5659 1079.1	6 0.7148 9 9 0.7170 9	63.63 69.65	0.8659 0.8681	893.37 888.99
-0.8160 -0.8190	0.0358 0.0350	0.0422 0.0442 0.0461	1029.28 1073.42 1085.06	0.1740 0.1760 0.1779	844.64 839.17 833.19	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2	5 0.5637 1074.5 2 0.5659 1079.1 4 0.5681 1083.9	6 0.7148 9 9 0.7170 9 5 0.7192 9	263.63 269.65 240.66	0.8659 0.8681 0.8703	893.37 888.99 882.27
-0.8160 -0.8190 -0.8220	0.0358 0.0350 0.0357	0.0422 0.0442 0.0461 0.0481	1029.28 1073.42 1085.06 1086.69	0.1740 0.1760 0.1779 0.1798	844.64 839.17 833.19 830.60	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8	5 0.5637 1074.5 2 0.5659 1079.1 4 0.5681 1083.9 7 0.5703 1081.0	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9	963.63 969.65 940.66 977.76	0.8659 0.8681 0.8703 0.8726	893.37 888.99 882.27 870.66
-0.8160 -0.8190	0.0358 0.0350	0.0422 0.0442 0.0461 0.0481 0.0500	1029.28 1073.42 1085.06 1086.69 1079.49	0.1740 0.1760 0.1779 0.1798 0.1818	844.64 839.17 833.19 830.60 818.21	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4	5 0.5637 1074.5 2 0.5659 1079.1 4 0.5681 1083.9 7 0.5703 1081.0 5 0.5726 1096.1	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9	963.63 969.65 940.66 977.76 985.90	0.8659 0.8681 0.8703 0.8726 0.8748	893.37 888.99 882.27 870.66 852.76
-0.8160 -0.8190 -0.8220	0.0358 0.0350 0.0357	0.0422 0.0442 0.0461 0.0481 0.0500	1029.28 1073.42 1085.06 1086.69	0.1740 0.1760 0.1779 0.1798	844.64 839.17 833.19 830.60	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8	5 0.5637 1074.5 2 0.5659 1079.1 4 0.5681 1083.9 7 0.5703 1081.0 5 0.5726 1096.1 0 0.5748 1086.5	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9	963.63 969.65 940.66 977.76 985.90 981.40	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770	893.37 888.99 882.27 870.66 852.76 852.11
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280	0.0358 0.0350 0.0357 0.0383 0.0332	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519	1029.28 1073.42 1085.06 1086.69 1079.49	0.1740 0.1760 0.1779 0.1798 0.1818	844.64 839.17 833.19 830.60 818.21	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5	5 0.5637 1074.5 2 0.5659 1079.1 4 0.5681 1083.9 7 0.5703 1081.0 5 0.5726 1096.1 0.5748 1086.5 4 0.5770 1088.7	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792	893.37 888.99 882.27 870.66 852.76 852.11 851.13
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837	844.64 839.17 833.19 830.60 818.21 827.72	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8	5 0.5637 1074.5 2 0.5659 1079.1 4 0.5681 1083.9 7 0.5703 1081.0 5 0.5726 1096.1 0.5748 1086.5 4 0.5770 1088.7	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 239.24	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0558	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876	844.64 839.17 833.19 830.60 818.21 827.72 815.04	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5	5 0.5637 1074.5 2 0.5659 1079.1 4 0.5681 1083.9 7 0.5703 1081.0 5 0.5726 1096.1 1 0.5748 1086.5 4 0.5770 1088.7 3 0.5792 1084.2	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 239.24 241.73	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8370	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297	0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1895	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4281 1012.5	0.5637 1074.5 0.5659 1079.1 0.5681 1083.9 0.5703 1081.0 0.5726 1096.1 0.5748 1086.5 0.5770 1088.7 0.5792 1088.7 0.5815 1086.6 0.5837 1094.5	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9 5 0.7348 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 239.24 241.73 243.75	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8370 -0.8400	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297 0.0278	0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1895 0.1915	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4281 1012.5 0.4304 1021.2 0.4326 1021.7	0.5637 1074.5 0.5659 1079.1 0.5681 1083.9 0.5703 1081.0 0.5726 1096.1 0.5748 1086.5 0.5770 1088.7 0.5792 1084.2 0.5815 1086.6 0.5837 1094.5	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9 5 0.7348 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 239.24 241.73	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8370 -0.8400 -0.8430	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297 0.0278 0.0369	0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1895 0.1915	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4281 1012.5 0.4304 1021.2 0.4326 1021.7 0.4348 1013.2	0.5637 1074.5 0.5659 1079.1 0.5681 1083.9 0.5703 1081.0 0.5726 1096.1 0.5748 1086.5 0.5770 1088.7 0.5792 1084.2 0.5815 1086.6 0.5837 1094.5 0.5859 1075.4	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 0.7259 9 0.7303 9 8 0.7326 9 5 0.7348 9 2 0.7370 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 239.24 241.73 243.75	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71 903.28
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8400 -0.8430 -0.8450	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297 0.0278 0.0369 0.0345	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1875 0.1915 0.1934 0.1953	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4281 1012.5 0.4304 1021.2 0.4326 1021.7 0.4348 1013.2 0.4370 1012.1	0.5637 1074.5 0.5659 1079.1 0.5681 1083.9 0.5703 1081.0 0.5726 1096.1 0.5748 1086.5 0.5772 1088.7 0.5792 1084.2 0.5815 1086.6 0.5837 1094.5 0.5859 1075.4 0.5881 1093.6	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 0.7303 9 8 0.7326 9 5 0.7348 9 2 0.7370 9 6 0.7392 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 239.24 241.73 243.75 235.97	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859 0.8881 0.8903 0.8926	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71 903.28 905.51
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8400 -0.8430 -0.8460 -0.8490	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0297 0.0278 0.0369 0.0345 0.0383	0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0557 0.0577 0.0597 0.0616 0.0636 0.0655	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24 942.39	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1915 0.1915 0.1953 0.1973	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09 798.83	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4281 1012.5 0.4304 1021.2 0.4326 1021.7 0.4348 1013.2 0.4370 1012.1 0.4392 1020.3	0.5637 1074.5 0.5659 1079.1 0.5681 1083.9 0.5703 1081.0 0.5726 1096.1 0.5748 1086.5 0.5772 1088.7 0.5772 1084.2 0.5815 1086.6 0.5837 1094.5 0.5881 1093.6 0.5903 1072.8	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7326 9 5 0.7348 9 2 0.7370 9 6 0.7392 9 6 0.7414 9	263.63 269.65 240.66 277.76 285.90 246.34 239.24 241.73 243.75 235.97 233.06 250.46	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859 0.8881 0.8903	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71 903.28
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8400 -0.8430 -0.8450 -0.8490 -0.8520	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297 0.0278 0.0369 0.0345 0.0383 0.0418	0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0616 0.0636 0.0655 0.0674	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24 942.39 925.01	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1915 0.1915 0.1953 0.1973 0.1992	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09 798.83 791.29	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4281 1012.5 0.4304 1021.2 0.4304 1021.2 0.4348 1013.2 0.4370 1012.1 0.4392 1020.3 0.4415 1015.0	5. 0.5637 1074.5 2. 0.5659 1079.1 4. 0.5681 1083.9 7. 0.5703 1081.0 6. 0.5726 1096.1 1. 0.5748 1086.5 4. 0.5770 1088.7 9. 0.5815 1086.6 9. 0.5837 1094.5 9. 0.5859 1075.4 9. 0.5881 1093.6 9. 0.5881 1093.6 9. 0.5903 1072.8 10.5926 1062.7	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9 5 0.7348 9 2 0.7370 9 6 0.7392 9 6 0.7414 9 3 0.7437 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 239.24 241.73 243.75 233.06 250.46 241.00	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859 0.8881 0.8903 0.8926 0.8948	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71 903.28 905.51
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8400 -0.8400 -0.8450 -0.8450 -0.8550	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297 0.0278 0.0369 0.0345 0.0383 0.0418 0.0450	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0558 0.0577 0.0616 0.0636 0.0655 0.0674 0.0694	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24 942.39 925.01 906.22	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1915 0.1934 0.1953 0.1973 0.1992 0.2011	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09 798.83 791.29 786.63	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4304 1021.2 0.4304 1021.2 0.4326 1021.7 0.4348 1013.2 0.4370 1012.1 0.4392 1020.3 0.4415 1015.0 0.4437 1019.2	5. 0.5637 1074.5 2. 0.5659 1079.1 4. 0.5681 1083.9 7. 0.5703 1081.0 6. 0.5726 1096.1 1. 0.5748 1086.5 4. 0.5770 1088.7 6. 0.5815 1086.6 6. 0.5837 1094.5 7. 0.5881 1093.6 8. 0.5903 1072.8 9. 0.5903 1072.8 9. 0.5948 1071.4	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9 5 0.7348 9 2 0.7370 9 6 0.7392 9 6 0.7414 9 3 0.7459 9	263.63 269.65 240.66 277.76 285.90 246.34 239.24 241.73 243.75 235.97 233.06 241.00 237.16	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859 0.8881 0.8903 0.8926	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71 903.28 905.51 907.08
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8400 -0.8400 -0.8450 -0.8520 -0.8550 -0.8580	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0397 0.0297 0.0278 0.0369 0.0345 0.0383 0.0418 0.0450 0.0451	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0557 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24 942.39 925.01 906.22 892.18	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1915 0.1915 0.1953 0.1973 0.1992 0.2011 0.2031	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09 798.83 791.29 786.63 794.06	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4304 1021.2 0.4304 1021.2 0.4326 1021.7 0.4348 1013.2 0.4370 1012.1 0.4392 1020.3 0.4415 1015.0 0.4437 1019.2 0.4459 1008.2	5. 0.5637 1074.5 2. 0.5659 1079.1 4. 0.5681 1083.9 7. 0.5703 1081.0 5. 0.5726 1096.1 1. 0.5748 1086.5 4. 0.5770 1088.7 9. 0.5815 1086.6 9. 0.5837 1094.5 9. 0.5859 1075.4 9. 0.5881 1093.6 9. 0.5903 1072.8 10.5926 1062.7 10.5948 1071.4 10.5970 1089.9	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9 5 0.7348 9 2 0.7370 9 6 0.7392 9 6 0.7414 9 3 0.7459 9 0 0.7481 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 239.24 241.73 243.75 233.06 250.46 241.00 237.16 245.70	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859 0.8881 0.8903 0.8926 0.8948 0.8970 0.8992	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71 903.28 905.51 907.08 915.57 928.74
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8400 -0.8430 -0.8450 -0.8520 -0.8550 -0.8580 -0.8610	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297 0.0278 0.0369 0.0345 0.0383 0.0418 0.0450 0.0451	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0557 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694 0.0713	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24 942.39 925.01 906.22 892.18 885.39	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1915 0.1934 0.1953 0.1973 0.1973 0.2011 0.2031	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09 798.83 791.29 786.63 794.06 791.03	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4304 1021.2 0.4326 1021.7 0.4348 1013.2 0.4370 1012.1 0.4392 1020.3 0.4415 1015.0 0.4459 1008.2 0.4481 1010.8	5. 0.5637 1074.5 0.5659 1079.1 1.5659 1079.1 1.5659 1079.1 1.5703 1081.0 1.5726 1096.1 1.5770 1088.7 1.5770 1088.7 1.5770 1088.7 1.5792 1084.2 1.5815 1086.5 1.5837 1094.5 1.5859 1075.4 1.5926 1062.7 1.5926 1062.7 1.5970 1089.9 1.5992 1062.9	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9 5 0.7348 9 0.7370 9 6 0.7392 9 6 0.7392 9 6 0.7414 9 3 0.7459 9 0 0.7481 9 0 0.7503 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 241.73 243.75 233.06 241.00 237.16 245.70 246.13	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859 0.8881 0.8903 0.8926 0.8948 0.8970	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71 903.28 905.51 907.08 915.57
-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8400 -0.8430 -0.8430 -0.8520 -0.8550 -0.8580 -0.8640	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297 0.0278 0.0345 0.0345 0.0418 0.0450 0.0451 0.0615 0.0621	0.0422 0.0442 0.0461 0.0500 0.0519 0.0539 0.0558 0.0577 0.0616 0.0636 0.0655 0.0674 0.0694 0.0713 0.0732	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24 942.39 925.01 906.22 892.18 885.39 877.30	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1915 0.1934 0.1973 0.1973 0.1973 0.2011 0.2031 0.2050 0.2070	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09 798.83 791.29 786.63 794.06 791.03 806.04	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4304 1021.2 0.4326 1021.7 0.4348 1013.2 0.4370 1012.1 0.4392 1020.3 0.4415 1015.0 0.4459 1008.2 0.4459 1008.2 0.44503 1013.3	0.5637 1074.5 0.5659 1079.1 0.5681 1083.9 0.5703 1081.0 0.5726 1096.1 0.5748 1086.5 0.5770 1088.7 0.5792 1084.2 0.5815 1086.6 0.5837 1094.5 0.5881 1094.5 0.5881 1075.4 0.5903 1075.4 0.5903 1072.8 0.5903 1072.8	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9 5 0.7348 9 2 0.7370 9 6 0.7392 9 6 0.7414 9 3 0.7459 9 0 0.7481 9 0 0.7503 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 241.73 243.75 233.06 243.75 233.06 241.00 237.16 246.13 246.28	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859 0.8859 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71 903.28 905.51 907.08 915.57 928.74 959.59 979.34
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-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8370 -0.8400 -0.8490 -0.8520 -0.8550 -0.8580 -0.8670 -0.8670 -0.8730	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0278 0.0369 0.0345 0.0345 0.0451 0.0451 0.0615 0.0621 0.0547 0.0471 0.0431	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0557 0.0597 0.0616 0.0636 0.0655 0.0674 0.0694 0.0713 0.0732 0.0772 0.0771	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24 942.39 925.01 906.22 892.18 885.39 877.30 860.16 849.40 843.01	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1875 0.1915 0.1953 0.1973 0.1992 0.2011 0.2031 0.2050 0.2050 0.2070 0.2089 0.2108	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09 798.83 791.29 786.63 794.06 791.03 806.04 777.74 780.76 777.73	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4281 1012.5 0.4304 1021.2 0.4326 1021.7 0.4348 1013.2 0.4370 1012.1 0.4392 1020.3 0.4415 1015.0 0.4437 1019.2 0.4459 1008.2 0.4461 1010.8 0.4503 1013.4 0.4503 1013.4 0.4508 997.0 0.4570 1000.8	0.5637 1074.5 0.5659 1079.1 0.5681 1083.9 0.5703 1081.0 0.5726 1096.1 0.5770 1088.7 0.5770 1088.7 0.5792 1084.2 0.5815 1086.6 0.5837 1094.5 0.5881 1093.6 0.5881 1093.6 0.5926 1062.7 0.5926 1062.7 0.5926 1062.7 0.5927 1089.9 0.5929 1062.9 0.5929 1062.9 0.5929 1062.9 0.5929 1062.9 0.5929 1062.9 0.5929 1062.9 0.5929 1062.9 0.5929 1062.9 0.6015 1070.8 0.6059 1059.6 0.6081 1045.1	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 1 0.7326 9 6 0.7348 9 2 0.7370 9 6 0.7392 9 6 0.7414 9 3 0.7459 9 0.7459 9 0.7503 9 1 0.7526 9 0.7570 9 7 0.7592 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 239.24 241.73 243.75 235.97 233.06 241.00 237.16 245.70 246.13 246.28 249.95 239.99 240.30	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.88792 0.8814 0.8837 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9081 0.9103	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.71 903.28 905.51 907.08 915.57 928.74 959.59 979.34 981.62 979.89 981.23
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-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8430 -0.8430 -0.8450 -0.8520 -0.8550 -0.8550 -0.8640 -0.8640 -0.8670 -0.8700 -0.8730 -0.8760 -0.8790 -0.8820 -0.8840 -0.8870	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297 0.0278 0.0345 0.0345 0.0451 0.0451 0.0615 0.0621 0.0547 0.0471 0.0431 0.0439 0.0367 0.0393 0.0376	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0558 0.0577 0.0616 0.0636 0.0655 0.0674 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829 0.0849 0.0868 0.0888 0.0907	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24 942.39 925.01 906.22 892.18 885.39 877.30 860.16 849.40 843.01 831.21 831.21 813.09 805.90 793.59 784.37	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1973 0.1953 0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2128 0.2147 0.2166 0.2205 0.2225 0.2244 0.2263	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09 798.83 791.29 786.63 794.06 791.03 806.04 777.74 780.76 777.73 762.30 755.89 741.93 746.38 744.25 745.43	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4304 1021.2 0.4304 1021.2 0.4370 1012.1 0.4392 1020.3 0.4415 1015.0 0.4437 1019.2 0.4459 1008.2 0.4459 1008.2 0.4458 997.0 0.4503 1011.3 0.4526 1011.4 0.4548 997.0 0.4570 1000.8 0.4592 1011.2 0.4637 1000.8 0.4592 1011.2 0.4637 1007.1 0.4637 1007.1 0.4637 1007.1 0.4637 1016.5 0.4681 1017.3 0.4703 1016.5 0.4704 1016.5	5. 0.5637 1074.5 0.5659 1079.1 1.5681 1083.9 0.5703 1081.0 0.5726 1096.1 0.5726 1096.1 0.5726 1088.7 0.5770 1088.7 0.5792 1084.2 0.5815 1086.6 0.5837 1094.5 0.5859 1075.4 0.5926 1062.7 0.5926 1062.7 0.5970 1089.9 0.5970 1089.9 0.5970 1089.9 0.5970 1089.9 0.5970 1089.9 0.5970 1089.9 0.5970 1089.9 0.5970 1089.9 0.6015 1070.8 0.6015 1070.8 0.6016 1069.5 0.6181 1045.1 0.6181 1045.1 0.6192 1056.1 0.6192 1056.1 0.6192 1056.1 0.6237 1050.0	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9 6 0.7348 9 0.7370 9 6 0.7414 9 3 0.7459 9 0 0.7503 9 1 0.7526 9 1 0.7526 9 1 0.7526 9 1 0.7570 9 7 0.7592 9 7 0.7614 9 9 0.7659 9 0 0.7726 9 0 0.7728 9	263.63 269.65 240.66 277.76 285.90 281.40 246.34 241.73 243.75 235.97 233.06 241.00 237.16 245.70 246.13 246.28 249.95 240.30 244.73 238.93 244.73 238.93 225.08 2713.88	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859 0.8981 0.8926 0.8948 0.8970 0.8992 0.9014 0.9037 0.9059 0.9163 0.9126 0.9148 0.9170 0.9192 0.9214 0.9237 0.9259	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.51 907.08 915.57 928.74 959.59 979.34 981.62 979.89 981.23 990.10 997.23 1005.34 1015.15 1028.59 1044.32
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-0.8160 -0.8190 -0.8220 -0.8250 -0.8280 -0.8310 -0.8340 -0.8400 -0.8400 -0.8450 -0.8550 -0.8550 -0.8550 -0.8640 -0.8670 -0.8700 -0.8730 -0.8760 -0.8790 -0.8870 -0.8870 -0.8870 -0.8870 -0.8930	0.0358 0.0350 0.0357 0.0383 0.0332 0.0369 0.0300 0.0297 0.0278 0.0369 0.0345 0.0451 0.0451 0.0451 0.0451 0.0451 0.0431 0.0431 0.0439 0.0367 0.0367 0.0376 0.0395 0.0376	0.0422 0.0442 0.0461 0.0481 0.0500 0.0519 0.0539 0.0558 0.0577 0.0597 0.0616 0.0636 0.0655 0.0674 0.0713 0.0732 0.0752 0.0771 0.0810 0.0829 0.0849 0.0848 0.0888 0.0907 0.0926 0.0946	1029.28 1073.42 1085.06 1086.69 1079.49 1059.89 1031.77 1042.07 1023.85 999.36 982.33 970.24 942.39 925.01 906.22 892.18 885.39 877.30 860.16 849.40 843.01 831.21 813.09 805.90 793.59 784.37 773.04 762.20	0.1740 0.1760 0.1779 0.1798 0.1818 0.1837 0.1856 0.1876 0.1973 0.1953 0.1973 0.1992 0.2011 0.2031 0.2050 0.2070 0.2089 0.2128 0.2147 0.2166 0.2205 0.2225 0.2244 0.2263	844.64 839.17 833.19 830.60 818.21 827.72 815.04 807.09 817.20 806.93 814.21 797.09 798.83 791.29 786.63 794.06 791.03 806.04 777.74 780.76 777.73 762.30 755.89 741.93 746.38 744.25 745.43	0.4126 1030.8 0.4148 1032.0 0.4170 1029.2 0.4192 1015.8 0.4215 1018.4 0.4237 1021.8 0.4259 1014.5 0.4304 1021.2 0.4304 1021.2 0.4370 1012.1 0.4392 1020.3 0.4415 1015.0 0.4437 1019.2 0.4459 1008.2 0.4459 1008.2 0.4458 997.0 0.4503 1011.3 0.4526 1011.4 0.4548 997.0 0.4570 1000.8 0.4592 1011.2 0.4637 1000.8 0.4592 1011.2 0.4637 1007.1 0.4637 1007.1 0.4637 1007.1 0.4637 1016.5 0.4681 1017.3 0.4703 1016.5 0.4704 1016.5	0.5637 1074.5 0.5659 1079.1 0.5681 1083.9 0.5703 1081.0 0.5726 1096.1 0.5748 1086.5 0.5770 1088.7 0.5770 1088.7 0.5815 1086.6 0.5837 1094.5 0.5881 1093.6 0.5881 1093.6 0.5903 1072.8 0.5903 1072.8 0.5903 1072.8 0.5903 1072.8 0.5903 1072.8 0.5903 1072.8 0.5903 1072.8 0.5903 1072.8 0.5903 1072.8 0.6059 1062.7 0.5992 1062.9 0.6059 1059.6 0.6081 1045.1 0.6106 1069.5 0.6126 1069.5 0.6121 1056.1 0.61237 1050.0 0.6237 1050.0 0.6237 1050.0 0.6259 1030.9	6 0.7148 9 9 0.7170 9 5 0.7192 9 5 0.7214 9 6 0.7237 9 1 0.7259 9 5 0.7281 9 6 0.7303 9 8 0.7326 9 0.7370 9 6 0.7481 9 0.7459 9 0.7481 9 0.7503 9 0.7503 9 0.7503 9 0.7504 9 0.7504 9 0.7505 9 0.7506 9 0.7507 9 0.7508 9 0.7509 9 0	263.63 269.65 240.66 277.76 285.90 281.40 246.34 241.73 243.75 235.97 233.06 241.00 237.16 245.70 246.13 246.28 249.95 240.30 244.73 238.93 244.73 238.93 225.08 2713.88	0.8659 0.8681 0.8703 0.8726 0.8748 0.8770 0.8792 0.8814 0.8837 0.8859 0.8926 0.8948 0.8970 0.8926 0.9014 0.9037 0.9059 0.9126 0.9148 0.9170 0.9126 0.9148 0.9170 0.9192 0.9217 0.9259 0.9281	893.37 888.99 882.27 870.66 852.76 852.11 851.13 853.96 864.76 882.72 905.51 907.08 915.57 928.74 959.59 979.34 981.62 979.89 981.23 990.10 997.23 1005.34 1015.15 1028.59 1044.32

0.9325	1070.01	-0.3080	592.69	-0.5405	537.43	-0.7439	540.52	-0.9473	671.90	0.1290	0.1530	0.2780	0.3310
	1081.56	-0.3110	584.04	-0.5435	538.66	-0.7469	538.34	-0.9503	677.63	0.1310	0.1690	0.2810	0.3370
	1105.05	-0.3150	570.87	-0.5465	538.61	-0.7499	540.13	-0.9533	686.67	0.1330	0.2250	0.2850	0.3390
	1118.00	-0.3180	594.31	-0.5494	540.02	-0.7529	538.04	-0.9563	696.27	0.1350	0.2450	0.2880	0.3060
	1125.40	-0.3220	557.15	-0.5524	540.53	-0.7559	537.04	-0.9593	705.34	0.1370	0.2300	0.2910	0.2910
	1131.95	-0.3250	581.62	-0.5554	540.36	-0.7588	535.61	-0.9623	711.04	0.1390	0.2260	0.2940	0.2890
	1141.26	-0.3290	557.38	-0.5584	540.86	-0.7618	536.80	-0.9653	717.47	0.1410	0.2400	0.2970	0.3060
0.9481	1159.13	-0.3320	575.64	-0.5614	539.80	-0.7648	537.69	-0.9683	724.41	0.1430	0.2530	0.3010	0.2910
	1179.84	-0.3360	573.11	-0.5644	544.27	-0.7678	537.62	-0.9712	730.67	0.1450	0.2600	0.3040	0.2940
0.9525	1191.23	-0.3390	549.77	-0.5674	544.98	-0.7708	537.75	-0.9742	735.72	0.1470	0.2320	0.3070	0.2800
0.9548	1195.76	-0.3430	574.57	-0.5704	546.51	-0.7738	538.00	-0.9772	747.10	0.1490	0.2380	0.3840	0.2200
0.9570	1215.89	-0.3460	548.40	-0.5734	543.21	-0.7768	536.14	-0.9802	759.16	0.1510	0.2340	0.3860	0.2190
0.9592	1264.40	-0.3500	585.16	-0.5764	537.19	-0.7798	536.04	-0.9832	769.54	0.1530	0.2240	0.3880	0.2230
		-0.3530	553.91	-0.5794	538.51	-0.7828	535.23	-0.9862	780.55	0.1550	0.2120	0.3900	0.2300
X/PL	Nu	-0.3570	565.82	-0.5823	538.50	-0.7858	535.80	-0.9892	788.05	0.1570	0.2050	0.3930	0.2270
-0.0103	831.33	-0.3610	566.21	-0.5853	539.86	-0.7888	534.93	-0.9922	800.28	0.1590	0.2060	0.3950	0.2270
-0.0188	843.08	-0.3640	567.78	-0.5883	542.27	-0.7918	535.76			0.1600	0.2100	0.3970	0.2370
-0.0274	879.01	-0.3680	579.38	-0.5913	544.47	-0.7947	536.19			0.1620	0.2190	0.3990	0.2220
-0.0359	905.82	-0.3710	553.36	-0.5943	543.23	-0.7977	536.06	CASE	<u>Z – n</u>	0.1640	0.2270	0.4010	0.2240
-0.0445	899.45	-0.3750	576.48	-0.5973	540.31	-0.8007	535.92			0.1660	0.2250	0.4040	0.2270
-0.0530	897.39	-0.3780	550.39	-0.6003	542.73	-0.8037	535.21	X/SL	η	0.1680	0.2160	0.4060	0.2200
-0.0616	884.70	-0.3820	570.22	-0.6033	543.47	-0.8067	535.44	0.0384	0.4050	0.1700	0.2170	0.4080	0.2250
-0.0701	861.06	-0.3850	566.42	-0.6063	544.94	-0.8097	536.24	0.0403	0.3960	0.1720	0.2020	0.4100	0.2180
-0.0787	825.70	-0.3890	556.68	-0.6093	546.19	-0.8127	536.94	0.0422	0.4020	0.1740	0.2160	0.4130	0.2150
-0.0872	798.70	-0.3920	565.12	-0.6123	544.83	-0.8157	537.07	0.0442	0.3920	0.1760	0.2160	0.4150	0.2180
-0.0958	784.02	-0.3960	544.68	-0.6153	544.04	-0.8187	537.70	0.0461	0.3780	0.1780	0.2210	0.4170	0.2180
-0.1040	741.12	-0.3990	566.65	-0.6182	546.44	-0.8217	537.92	0.0481	0.3640	0.1800	0.2250	0.4190	0.2160
-0.1130	739.14	-0.4030	544.40	-0.6212	547.77	-0.8247	538.21	0.0500	0.3480	0.1820	0.2260	0.4210	0.2140
-0.1210	707.78	-0.4060	568.33	-0.6242	548.27	-0.8277	537.74	0.0519	0.3350	0.1840	0.2230	0.4240	0.2190
-0.1300	703.71	-0.4100	554.09	-0.6272	548.94	-0.8306	538.65	0.0539	0.3170	0.1860	0.2200	0.4260	0.2160
-0.1390	677.34	-0.4130	551.24	-0.6302	544.95	-0.8336	538.60	0.0558	0.3220	0.1880	0.2230	0.4280	0.2110
-0.1470	671.37	-0.4170	563.25	-0.6332	544.06	-0.8366	539.55	0.0577	0.3110	0.1900	0.2260	0.4300	0.2140
-0.1560	654.95	-0.4200	545.18	-0.6362	544.53	-0.8396	541.37	0.0597	0.2960	0.1910	0.2230	0.4330	0.2120
-0.1640	637.30	-0.4240	560.29	-0.6392	546.38	-0.8426	543.27 545.87	0.0616	0.2860	0.1930	0.2300	0.4350	0.2120
-0.1730	648.29	-0.4270 -0.4310	546.82 551.33	-0.6422 -0.6452	546.52 546.88	-0.8456 -0.8486		0.0636	0.2780	0.1950	0.2230	0.4370	0.2060
-0.1810	627.39	-0.4310	560.62	-0.6482	549.45	-0.8516	547.30 547.93	0.0655	0.2600	0.1970	0.2210 0.2170	0.4390	0.2110 0.2060
-0.1900 -0.1980	634.20 620.39	-0.4380	557.90	-0.6512	549.39	-0.8546	548.22	0.0674	0.2480	0.1990 0.2010	0.2170	0.4410 0.4440	0.2050
-0.1960	621.65	-0.4420	563.48	-0.6541	555.02	-0.8576	548.48	0.0694 0.0713	0.2340 0.2230	0.2030	0.2190	0.4460	0.2000
-0.2050	607.58	-0.4450	549.00	-0.6571	558.01	-0.8606	549.78	0.0713	0.2230	0.2050	0.2280	0.4480	0.2030
-0.2090	589.97	-0.4490	567.18	-0.6601	555.29	-0.8636	550.60	0.0752	0.2170	0.2070	0.2350	0.4500	0.2030
-0.2130	589.26	-0.4520	554.39	-0.6631	553.62	-0.8665	552.09	0.0732	0.1940	0.2090	0.2200	0.4530	0.2020
-0.2160	568.49	-0.4560	558.89	1666.0-	553.01	-0.8695	555.40	0.0791	0.1850	0.2110	0.2200	0.4550	0.1910
-0.2200	588.70	-0.4590	549.29	-0.6691	552.76	-0.8725	555.90	0.0810	0.1780	0.2130	0.2310	0.4570	0.2000
-0.2230	549.15	-0.4630	549.65	-0.6721	553.32	-0.8755	558.52	0.0829	0.1670	0.2150	0.2250	0.4590	0.1970
-0.2270	558.58	-0.4660	557.02	-0.6751	553.22	-0.8785	564.80		0.1530	0.2170	0.2220	0.4610	0.1960
-0.2300	554.03	-0.4700	551.66	-0.6781	551.94	-0.8815	569.43	0.0868	0.1470	0.2190		0.4640	0.1930
-0.2340	551.01	-0.4730	555.24	-0.6811	552.71	-0.8845	569.04		0.1350	0.2210	0.2230	0.4660	0.2030
-0.2370	566.18	-0.4806	539.63	-0.6841	554.36	-0.8875	573.90		0.1280	0.2220	0.2280	0.4680	0.1960
-0.2410	542.54	-0.4836	539.85	-0.6871	553.44	-0.8905	577.29		0.1230	0.2240	0.2230	0.4700	0.1920
-0.2440	575.15	-0.4866	538.51	-0.6900	551.81	-0.8935	582.44	0.0946	0.1170	0.2260	0.2320	0.4730	0.1960
-0.2480	561.82	-0.4896	539.52	-0.6930	553.08	-0.8965	585.53	0.0965	0.1220	0.2280	0.2270	0.4750	0.1870
-0.2510	580.92	-0.4926	538.45	-0.6960	554.04	-0.8995	587.32		0.1190	0.2300	0.2280	0.4770	0.1840
-0.2550	574.81	-0.4956	537.15	-0.6990	560.33	-0.9024	591.94		0.1200		0.2240	0.4790	0.1810
-0.2580	580.43	-0.4986	537.94	-0.7020	553.03	-0.9054	597.26		0.1220		0.2270	0.4810	0.1880
-0.2620	599.15		541.14	-0.7050	550.63	-0.9084	600.28		0.1250		0.2260		0.1920
-0.2650	589.54	-0.5046	543.01	-0.7080	549.25	-0.9114	600.45		0.1140		0.2330	0.4860	0.1770
-0.2690	616.58	-0.5076	540.93	-0.7110	548.44	-0.9144	605.31		0.1220		0.2360	0.4880	0.1820
-0.2720	603.62	-0.5106	541.93	-0.7140	548.93	-0.9174	609.00		0.1320		0.2300		0.1810
-0.2760	627.51	-0.5135	540.36	-0.7170	547.49	-0.9204	612.67		0.1240	0.2490	0.2430		0.1810
-0.2790	620.28	-0.5165	540.08	-0.7200	545.51	-0.9234	617.89		0.1210		0.2420		0.1730
-0.2830	621.01	-0.5195	540.43	-0.7230	544.98	-0.9264	627.48		0.1210		0.2430		0.1760
-0.2870	619.09	-0.5225	541.16	-0.7259	541.71	-0.9294	634.82		0.1260		0.2540		0.1760
-0.2900	595.90	-0.5255 0.5265	540.19	-0.7289	541.87	-0.9324	637.96		0.1300		0.2620		0.1750
-0.2940	606.72	-0.5285	540.02	-0.7319	543.59	-0.9353	642.91		0.1250		0.2700		0.1720
-0.2970	581.84	-0.5315 -0.5345	537.39 537.76	-0.7349 -0.7379	546.14 542.30	-0.9383 -0.9413	652.89 660.02		0.1330		0.2690 0.2850		0.1740 0.1650
-0.3010	615.47	-0.5345 -0.5375	536.78	-0.7379 -0.7409			666.06		0.1330		0.3210		0.1640
-0.3040	621.60	-0.00/0	JJU./0	-0.7407	J4U.7J	-U.744J	300.00	0.1280	0.1460	0.2/30	0.0210	0.0100	U. 1040

0.5130	0.1700	0.6640	0.1340	0.8150	0.0631	-0.0274	0.4120	-0.3680	0.1860	-0.5760	0.0622	-0.7800	0.0120
	0.1770	0.6660	0.1400	0.8170	0.0692	-0.0359	0.4080	-0.3710	0.1260	-0.5790	0.0637	-0.7830	0.0084
0.5150			-					-0.3750	0.1200	-0.5820	0.0661	-0.7860	0.0079
0.5170	0.1740	0.6680	0.1340	0.8190	0.0678	-0.0445	0.4130						
0.5190	0.1720	0.6700	0.1360	0.8210	0.0639	-0.0530	0.4110	-0.3780	0.1180	-0.5850	0.0678	-0.7890	0.0089
0.5210	0.1600	0.6730	0.1300	0.8240	0.0654	-0.0616	0.4020	-0.3820	0.1760	-0.5880	0.0634	-0.7920	0.0081
0.5240	0.1570	0.6750	0.1370	0.8260	0.0703	-0.0701	0.3830	-0.3850	0.1360	-0.5910	0.0636	-0.7950	0.0086
				0.8280	0.0683	-0.0787	0.3660	-0.3890	0.1070	-0.5940	0.0621	-0.7980	0.0077
0.5260	0.1560	0.6770	0.1330									-0.8010	0.0079
0.5280	0.1570	0.6790	0.1330	0.8300	0.0682	-0.0872	0.3450	-0.3920	0.1430	-0.5970	0.0563		
0.5300	0.1580	0.6810	0.1240	0.8330	0.0692	-0.0958	0.3310	-0.3960	0.1110	-0.6000	0.0556	-0.8040	0.0056
0.5330	0.1570	0.6840	0.1240	0.8350	0.0593	-0.1040	0.3060	-0.3990	0.1520	-0.6030	0.0572	-0.8070	0.0056
0.5350	0.1490	0.6860	0.1360	0.8370	0.0622	-0.1130	0.3030	-0.4030	0.1970	-0.6060	0.0581	-0.8100	0.0035
				0.8390	0.0596	-0.1210	0.2920	-0.4060	0.1640	-0.6090	0.0580	-0.8130	0.0051
0.5370	0.1480	0.6880	0.1210									-0.8160	0.0046
0.5390	0.1490	0.6900	0.1210	0.8410	0.0535	-0.1300	0.2820	-0.4090	0.1060	-0.6120	0.0577		
0.5410	0.1480	0.6930	0.1170	0.8440	0.0508	-0.1390	0.2850	-0.4120	0.0737	-0.6150	0.0550	-0.8190	0.0044
0.5440	0.1460	0.6950	0.1190	0.8460	0.0567	-0.1470	0.2860	-0.4150	0.0617	-0.6180	0.0580	-0.8220	0.0045
0.5460	0.1490	0.6970	0.1170	0.8480	0.0653	-0.1560	0.2910	-0.4180	0.0633	-0.6210	0.0588	-0.8250	0.0042
			0.1270	0.8500	0.0619	-0.1640	0.2820	-0.4210	0.0698	-0.6240	0.0584	-0.8280	0.0039
0.5480	0.1520	0.6990								-0.6270	0.0588	-0.8310	0.0050
0.5500	0.1500	0.7010	0.1110	0.8530	0.0466	-0.1730	0.2850	-0.4240	0.0698				
0.5530	0.1410	0.7040	0.1170	0.8550	0.0482	-0.1810	0.2830	-0.4270	0.0711	-0.6300	0.0541	-0.8340	0.0052
0.5550	0.1450	0.7060	0.1180	0.8570	0.0483	-0.1900	0.2790	-0.4300	0.0701	-0.6330	0.0527	-0.8370	0.0067
0.5570	0.1440	0.7080	0.1170	0.8590	0.0324	-0.1980	0.2830	-0.4330	0.0758	-0.6360	0.0526	-0.8400	0.0068
			0.1180	0.8610	0.0248	-0.2020	0.2820	-0.4360	0.0747	-0.6390	0.0504	-0.8430	0.0058
0.5590	0.1460	0.7100									0.0526	-0.8460	0.0055
0.5610	0.1460	0.7130	0.1100	0.8640	0.0236	-0.2050	0.2900	-0.4390	0.0907	-0.6420			
0.5640	0.1380	0.7150	0.1220	0.8660	0.0249	-0.2090	0.2860	-0.4420	0.0855	-0.6450	0.0524	-0.8490	0.0094
0.5660	0.1380	0.7170	0.1210	0.8680	0.0242	-0.2130	0.2830	-0.4450	0.0834	-0.6480	0.0542	-0.8520	0.0088
0.5680	0.1470	0.7190	0.1080	0.8700	0.0245	-0.2160	0.2700	-0.4480	0.0822	-0.6510	0.0523	-0.8550	0.0072
	0.1460	0.7210	0.1240	0.8730	0.0134	-0.2200	0.2560	-0.4510	0.0798	-0.6540	0.0595	-0.8580	0.0081
0.5700										-0.6570	0.0628	-0.8610	0.0093
0.5730	0.1490	0.7240	0.1280	0.8750	0.0070	-0.2230	0.2350	-0.4540	0.0782				0.0070
0.5750	0.1390	0.7260	0.1210	0.8770	0.0041	-0.2270	0.2230	-0.4570	0.0783	-0.6600	0.0614	-0.8640	
0.5770	0.1450	0.7280	0.1010	0.8790	0.0028	-0.2300	0.2280	-0.4600	0.0693	-0.6630	0.0575	-0.8670	0.0108
0.5790	0.1340	0.7300	0.1100	0.8810	0.0048	-0.2340	0.2390	-0.4630	0.0671	-0.6660	0.0569	-0.8700	0.0090
0.5810	0.1380	0.7330	0.1000	0.8840	0.0115	-0.2370	0.2740	-0.4660	0.0602	-0.6690	0.0540	-0.8730	0.0094
						-0.2410	0.2560	-0.4690	0.0659	-0.6720	0.0574	-0.8760	0.0083
0.5840	0.1500	0.7350	0.1030	0.8860	0.0171						0.0597	-0.8790	0.0070
0.5860	0.1450	0.7370	0.0956	0.8880	0.0200	-0.2440	0.2700	-0.4720	0.0666	-0.6750			
0.5880	0.1570	0.7390	0.0982	0.8900	0.0161	-0.2480	0.2620	-0.4750	0.0697	-0.6780	0.0574	-0.8820	0.0094
0.5900	0.1410	0.7410	0.1060	0.8930	0.0125	-0.2510	0.2680	-0.4780	0.0657	-0.6810	0.0534	-0.8840	0.0085
0.5930	0.1320	0.7440	0.0972	0.8950	0.0202	-0.2550	0.2690	-0.4810	0.0714	-0.6840	0.0546	-0.8870	0.0077
0.5950	0.1430	0.7460	0.0992	0.8970	0.0200	-0.2580	0.2610	-0.4840	0.0704	-0.6870	0.0530	-0.8900	0.0085
							0.2630	-0.4870	0.0687	-0.6900	0.0566	-0.8930	0.0116
0.5970	0.1530	0.7480	0.1020	0.8990	0.0234	-0.2620							0.0141
0.5990	0.1470	0.7500	0.1020	0.9010	0.0340	-0.2650	0.2620	-0.4900	0.0732	-0.6930	0.0618	-0.8960	
0.6010	0.1590	0.7530	0.1010	0.9040	0.0349	-0.2690	0.2600	-0.4930	0.0663	-0.6960	0.0610	-0.8990	0.0146
0.6040	0.1700	0.7550	0.1050	0.9060	0.0375	-0.2720	0.2650	-0.4960	0.0615	-0.6990	0.0621	-0.9020	0.0164
0.6060	0.1540	0.7570	0.0858	0.9080	0.0410	-0.2760	0.2610	-0.4990	0.0641	-0.7020	0.0573	-0.9050	0.0140
		0.7590	0.0859	0.9100	0.0398	-0.2790	0.2670	-0.5020	0.0653	-0.7050	0.0503	-0.9080	0.0190
0.6080	0.1490							-0.5050	0.0683	-0.7080	0.0490	-0.9110	0.0216
0.6100	0.1530	0.7610	0.0980	0.9130	0.0357	-0.2830	0.2660						0.0195
0.6130	0.1650	0.7640	0.1020	0.9150	0.0348	-0.2870	0.2770	-0.5080	0.0642	-0.7110	0.0462	-0.9140	
0.6150	0.1570	0.7660	0.0989	0.9170	0.0374	-0.2900	0.2550	-0.5110	0.0672	-0.7140	0.0441	-0.9170	0.0184
0.6170	0.1590	0.7680	0.0859	0.9190	0.0345	-0.2940	0.2600	-0.5140	0.0638	-0.7170	0.0435	-0.9200	0.0158
0.6190	0.1490	0.7700	0.0868	0.9210	0.0367	-0.2970	0.2120	-0.5170	0.0684	-0.7200	0.0360	-0.9230	0.0140
0.6210	0.1460	0.7730	0.0918	0.9240	0.0388	-0.3010	0.2140	-0.5200	0.0638	-0.7230	0.0389	-0.9260	0.0195
						-0.3040	0.2000	-0.5230	0.0620	-0.7260	0.0337	-0.9290	0.0215
0.6240	0.1470	0.7750	0.0964	0.9260	0.0444						0.0328	-0.9320	0.0185
0.6260	0.1480	0.7770	0.0799	0.9280	0.0459	-0.3080	0.2020	-0.5260	0.0633	-0.7290			
0.6280	0.1490	0.7790	0.0921	0.9300	0.0516	-0.3110	0.1820	-0.5290	0.0658	-0.7320	0.0299	-0.9350	0.0203
0.6300	0.1520	0.7810	0.0840	0.9330	0.0536	-0.3150	0.1660	-0.5310	0.0655	-0.7350	0.0329	-0.9380	0.0227
0.6330	0.1500	0.7840	0.0843	0.9350	0.0544	-0.3180	0.1950	-0.5340	0.0616	-0.7380	0.0312	-0.9410	0.0232
				0.9370	0.0659	-0.3220	0.1540	-0.5370	0.0604	-0.7410	0.0229	-0.9440	0.0239
0.6350	0.1410	0.7860	0.0860				0.2010	-0.5400	0.0593	-0.7440	0.0212	-0.9470	0.0215
0.6370	0.1410	0.7880	0.0840	0.9390	0.0757	-0.3250							0.0213
0.6390	0.1680	0.7900	0.0825	0.9410	0.0745	-0.3290	0.1410	-0.5430	0.0570	-0.7470	0.0204	-0.9500	
0.6410	0.1550	0.7930	0.0835	0.9440	0.0738	-0.3320	0.1890	-0.5460	0.0600	-0.7500	0.0221	-0.9530	0.0217
0.6440	0.1600	0.7950	0.0763	0.9460	0.0757	-0.3360	0.1670	-0.5490	0.0594	-0.7530	0.0164	-0.9560	0.0276
0.6460	0.1420	0.7970	0.0855	0.9480	0.0859	-0.3390	0.1410	-0.5520	0.0584	-0.7560	0.0138	-0.9590	0.0333
		0.7990	0.0055	0.9500	0.0969	-0.3430	0.1860	-0.5550	0.0569	-0.7590	0.0119	-0.9620	0.0292
0.6480	0.1410							-0.5580	0.0553	-0.7620	0.0131	-0.9650	0.0254
0.6500	0.1410	0.8010	0.0701	0.9530	0.1040	-0.3460	0.1380						0.0216
0.6530	0.1440	0.8040	0.0772	0.9550	0.1080	-0.3500	0.2200	-0.5610	0.0537	-0.7650	0.0149	-0.9680	
0.6550	0.1550	0.8060	0.0849	0.9570	0.1210	-0.3530	0.1570	-0.5640	0.0648	-0.7680	0.0153	-0.9710	0.0167
0.6570	0.1530	0.8080	0.0893	0.9590	0.1540	-0.3570	0.1820	-0.5670	0.0649	-0.7710	0.0123	-0.9740	0.0117
0.6590	0.1490	0.8100	0.0832			-0.3610	0.1850	-0.5700	0.0673	-0.7740	0.0145	-0.9770	0.0142
0.6610	0.1380	0.8130	0.0555	X/PL	•	-0.3640	0.1940	-0.5730	0.0646	-0.7770	0.0138	-0.9800	0.0161
0.0010	0.1300	0.0130	0.0000	A/rL	η	5.55	J. 1 /	5.57 55	5.00-0	2.,.,0	2.4.00		

Appendix 7.2 - Data for Spanwise Averaged Nusselt Number and Film Cooling Effectiveness

-0.9830 0.0139 -0.9860 0.0104 -0.9890 0.0055 -0.9920 0.0084

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			sfer coefficient and film cooling ade. Tests were performed on a five-

Unsteady wake effect, with and without trailing edge ejection, on detailed heat transfer coefficient and film cooling effectiveness distributions is presented for a downstream film-cooled gas turbine blade. Tests were performed on a five-blade linear cascade at an exit Reynolds number of 5.3×10^5 . Upstream unsteady wakes were simulated using a spoke-wheel type wake generator. Coolant blowing ratio was varied from 0.4 to 1.2; air and CO_2 were used as coolants to simulate different density ratios. Surface heat transfer and film effectiveness distributions were obtained using a transient liquid crystal technique; coolant temperature profiles were determined with a cold wire technique. Results show that Nusselt numbers for a film cooled blade are much higher compared to a blade without film injection. Unsteady wake slightly enhances Nusselt numbers but significantly reduces film effectiveness versus no wake cases. Nusselt numbers increase only slightly but film cooling effectiveness increases significantly with increasing blowing ratio. Higher density coolant (CO_2) provides higher effectiveness at higher blowing ratios (CO_2) whereas lower density coolant (Air) provides higher effectiveness at lower blowing ratios (CO_2). Trailing edge ejection generally has more effect on film effectiveness than on the heat transfer, typically reducing film effectiveness and enhancing heat transfer. Similar data is also presented for a film cooled cylindrical leading edge model.

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